

Griffe

HARDWARE FOR LIFETIME



POWER TOOLS

CATALOG

CORDLESS IMPACT DRILL

CORDLESS IMPACT DRILL

GR-CD237SC-70

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brushless Motor
No Load Speed:	0-650 / 0-2000 rpm
Impact Rate:	0-8000/0-32000 bpm
Max Torque:	70Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact21+1+1+1
Drill Capacity :	VWood : 35mm
	Stell: 10mm
	Concrete : 10mm
Net Weight:	1.3 Kg
Dimensions (L x w x H):	162x74x208mm



CORDLESS IMPACT DRIVER

GR-IW79-350

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-3000 rpm
Impact Rate:	4000 IPM
Max Torque:	350Nm
Chuck:	1/2" Square
Net Weight:	1 Kg
Dimensions (LxWx H):	1 19x74x203mm



CORDLESS DRILL

GR-CD237S-70

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0450/0-2000 rpm
MaxTorque:	Max 70Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	21+1
Drill Capacity :	Vilood : 35mm
	Stell : 10mm
Net Weight:	1.2 Kg
Dimensions (L x W x H):	149x74x208mm



CORDLESS IMPACT WRENCH

GR-IW80-500

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	2200rpm (0-950/1500/2200)
Impact Rate:	28001PM
Max Torque:	500Nm
Chuck:	1/2" Square
Net Weight:	1.06Kg
Dimensions (LxWx H):	131x77x205mm



CORDLESS IMPACT DRIVER

GR-IS79-230

SPECIFICATIONS

Voltage:	20Vdc
Motor:	Brushless Motor
No Load Speed:	0-2900 rpm
Impact Rate:	4000 IPM
Max Torque:	230Nm
Chuck:	1/4" Hex
Net Weight:	1 Kg
Dimensions (L x W x H):	119x74x203mm



CORDLESS IMPACT WRENCH

GR-IW75-800

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	2200rpm (0-950/1500/2200)
Impact Rate:	2800IPM
Max Torque:	800Nm
Chuck:	1/2" Square
Net Weight:	1.78 Kg
Dimensions (L x W x H):	164x74x221mm



CORDLESS IMPACT WRENCH

GR-IW81-1400

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-1900 rpm
Impact Rate:	0-2400 bpm
Max Torque:	1400Nm
Chuck:	1/2" Square
Net Weight:	2.8 Kg
Dimensions (L x W x H):	235x85x240mm



CORDLESS RECIPROCATING SAW

GR-IW81-1400

SPECIFICATIONS

Voltage:	401/ d.c.
Motor:	Brushless Motor
No Load Speed:	0-2500 rpm
Impact Rate:	32mm
Max Torque:	0.8-1.8mm THK
Chuck:	50mm Wood: 6m 5mm Steel: 1.2m
Net Weight:	2.66 Kg
Dimensions (L x W x H):	427x97x226mm



CORDLESS RECIPROCATING SAW

GR-RS42-25

SPECIFICATIONS

Voltage:	20Vd.e
Motor:	Brushless Motor
No Load Speed:	rpm
Stroke Length:	25mm
Sawblade Size:	0.8-1.8mm THK
Dimensions (L x W x H):	386x74*181mm



CORDLESS RECIPROCATING SAW

GR-RS35-32

SPECIFICATIONS

Voltage:	20v d.c
Motor:	Brushless Motor
No Load Speed:	0-3000 rpm
Clamping range:	1-1.8mm
Stroke Length:	32mm
Bracket Install Type:	Quick Clamping Adjustment
Net Weight:	3.1 Kg
Dimensions (L x W x H):	430x95x175mm



CORDLESS ANGLE GRINDER



CORDLESS ANGLE GRINDER

GR-CAG44-125

SPECIFICATIONS

Voltage:	20Vd.c
Motor:	Brushless Motor
No Load Speed:	8500 rpm
Γ Modes:	Cutting / Sanding
Disc Diameter:	φ 125mm
Spindle Thread Size :	1114
Net Weight:	1.721 Kg
Dimensions (L x W x H):	470x85x130mm



CORDLESS ANGLE GRINDER

GR-CAG24-180

SPECIFICATIONS

Voltage:	40Vd.c
Motor:	Brushless Motor
No Load Speed:	7800 rpm
Γ Modes:	Cutting / Sanding
Disc Diameter:	φ 180mm
Spindle Thread Size :	M14
Net Weight:	2.42 Kg
Dimensions (L x W x H):	316x128x127mm

CORDLESS MULTI-TOOL

GR-CAG44-125

SPECIFICATIONS

Voltage:	20Vd.c
Motor:	Brushless Motor
No Load Speed:	8500 rpm
Γ Modes:	Cutting / Sanding
Disc Diameter:	φ 125mm
Spindle Thread Size :	1114
Net Weight:	1.721 Kg
Dimensions (L x W x H):	470x85x130mm



CORDLESS BRUSHLESS ROUTER TRIMMER TOOL

GR-PR01

SPECIFICATIONS

Voltage:	20V d.c
Motor:	Brushless Motor
No Load Speed:	10000-30000 rpm
Depth Adjustment:	0-40mm 1-9/16"
Clamping range:	1/4" & 3/8"
Variable Speed dial:	6 Digital Speed
Net Weight:	0.87 Kg
Dimensions (L x W x H):	95X37X171mm



CORDLESS SANDER

GR-DS08-1 .6

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	12000 rpm
Eccentric distance:	1.6mm
Net Weight:	0.69 Kg
Dimensions (L x W x H):	150X105X148mm



JIG SAW

GR-CJS05-25

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brushless Motor
No Load Speed:	0-2800 rpm
	Wood-120mm
Cut Depth:	Metal-12mm
Cutting Angle:	0° +45°
Lifting Structure in Gears:	0/1/2/3 Gears
Stroke Length :	25mm
Net Weight:	1.75 Kg
Dimensions (L x W x H):	200X128X210mm



CORDLESS RATCHET WRENCH

GR-IR103-120

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	230 rpm
Max Torque:	120Nm
Chuck:	3/8" Square
Net Weight:	1.1 kg
Dimensions (LxWxH):	357X72X66mm



CORDLESS GREASE GUN

GR-CAG24-180

SPECIFICATIONS

Voltage:	40Vd.c
Motor:	Brushless Motor
No Load Speed:	7800 rpm
Γ Modes:	Cutting / Sanding
Disc Diameter:	φ 180mm
Spindle Thread Size :	M14
Net Weight:	2.42 Kg
Dimensions (L x W x H):	316x128x127mm



CORDLESS RATCHET WRENCH

GR-1W 110-90

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	230 rpm
Max Torque:	90Nm
Chuck:	3/8" Square
Net Weight:	1.5 kg
Dimensions (L x W x H):	459X72X66mm



CONCRETE VIBRATOR

GR-1W79-350

SPECIFICATIONS

Voltage:	40V d.c.
Motor:	Brushless Motor
No Load Speed:	0-12500 rpm
Head Diameter:	25.4mm
Dimensions (L x W x H):	1450x83x165mm
Shaft Length :	1m
Net weight:	3.96Kg



CORDLESS ANGLE DRILL

GR-CD275-70

SPECIFICATIONS

Voltage:	40V d.c.
Motor:	Brushless Motor
No Load Speed:	400-1400 rpm
Max Torque:	Max 70Nm
Chuck Capacity:	2-13mm (1/2")
Dimensions (L x W x H):	434x82x179 mm
Drilling Diameter:	Stell : 13mm
	Forstner bit: 65mm
	Hole saw: 127mm
	Auger drill: 38mm
Net Weight:	3.5 Kg



CORDLESS RATCHET WRENCH

GR-IW103-120

SPECIFICATIONS

Voltage:	40Vd.c
Motor:	Brushless Motor
No Load Speed:	7800 rpm
Γ Modes:	Cutting / Sanding
Disc Diameter:	φ 180mm
Spindle Thread Size :	M14
Net Weight:	2.42 Kg
Dimensions (L x W x H):	316x128x127mm



CORDLESS LEAF BLOWER

GR-LB02

SPECIFICATIONS

Voltage:	20V d.c
Motor:	Brushless Motor
Air Volume:	>350CFM
Noise level:	<62db(A)
Air Speed:	> 100Mph
Dimensions (L x W x H):	780x158x294 mm



INVERTER

GR-BI01

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	2200rpm (0-950/1500/2200)
Impact Rate:	28001PM
Max Torque:	800Nm
Chuck:	1/2" Square
Net Weight:	1.78 Kg
Dimensions (L x W x H):	164x74x221mm



CORDLESS IMPACT DRILL

CORDLESS IMPACT DRILL

GR-CD25ISC-60

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brushless Motor
No Load Speed:	0-650 / 0-2000 rpm
Impact Rate:	0-8000/0-32000 bpm
Max Torque:	70Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact 21+1+1
Drill Capacity :	Wood : 35mm
	Stell : 10mm
	Concrete : 10mm
Net Weight:	1.3 Kg
Dimensions (L x W x H):	162x74x208mm



CORDLESS IMPACT DRILL

GR-CD19ISC-100

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
NO Load Speed:	0-450 / 0-1800 rpm
Impact Rate:	0-5330 / 0-23400bpm
Max Torque:	Max 100Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact 18+1+1
Drill Capacity :	Wood : 35mm
	Stell : 10mm
	Concrete : 10mm
Net Weight:	1.45 Kg
Dimensions (LxWxH):	203x74x217mm



CORDLESS DRILL

GR-CD249S-60

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brushless Motor
No Load Speed:	on / 0-20m rpm
Max Torque:	Max 60Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact 21+1
Drill Capacity :	Wood : 35mm
	Stell : 10mm
Net Weight:	1.14 Kg
Dimensions (L x W x H):	185 x 74 x 206mm



CORDLESS DRILL

GR-CD160S-50

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brushless Motor
No Load Speed:	0-500 / 0-2000 rpm
Max Torque:	Max 50Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact 21+1
Drill Capacity :	Wood : 35mm
	Stell : 10mm
Net Weight:	1.2Kg
Dimensions (LxWx H):	188X74X207mm



CORDLESS IMPACT DRILL

GR-CD160SC-50

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-500 / 0-2000 rpm
Impact Rate:	0-8000/
Max Torque:	Max50Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact 21+1+1+1
Drill Capacity :	Wood : 35mm
	Stell : 10mm
	Concrete : 10mm
Net Weight:	1.3 Kg
Dimensions (L x W x H):	215x74x207mm



CORDLESS HAMMER DRILL

GR-RH06-2.5

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	rpm
Impact Rating:	0-4800 bpm
Impact Energy:	2.5J
Function selector:	4 mode
Working Capacity:	Wood: max. 40mm
Chuck Capacity:	Metal: max. 13mm
	Concrete: max. 24mm
	SDS plus
Net Weight:	2.1 Kg
Dimensions (L x W x H):	313x84x205mm



CORDLESS SPARY GUN

GR-SPD8002

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
Flow rate:	m0ml/min
Paint container:	1200ml
Max paint viscosity:	S120din
Net Weight:	1.1 Kg
Dimensions (L x W x H):	272x146x285mm



CORDLESS IMPACT WRENCH



CORDLESS IMPACT WRENCH

GR-IW43-350

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-1000 / 0-1500 / 0-2100 rpm
Impact Rate:	0-3300 bpm
Max Torque:	350Nm
Chuck:	1/2" Square
Net Weight:	1.95 Kg
Dimensions (L x W x H):	212x74x214mm



CORDLESS IMPACT DRIVER

GR-IS35-150

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-2900 rpm
Impact Rate:	0-3000 bpm
Max Torque:	150Nm
Chuck:	1/4" Hex
Machine Capability:	ST5X70mm screw: 60 PCS ST10x70mm screw: 35 PCS
Net Weight:	1.2 Kg
Dimensions (L x W x H):	160x74x202mm



CORDLESS IMPACT DRIVER

GR-IW35-200

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-2500 rpm
Impact Rate:	0-3000 bpm
Max Torque:	200Nm
Chuck:	1/2" Square
Net Weight:	1.2 Kg
Dimensions (L x W x H):	166x74x202mm



CORDLESS ANGLE GRINDER



CORDLESS ANGLE GRINDER

GR-CAG10-125

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	10000 rpm
Γ Modes:	Cutting / Sanding
Disc Diameter:	φ 125mm
Spindle Thread Size :	M14
Net Weight:	1.72 Kg
Dimensions (L x W x H):	316x128x127mm



CORDLESS ANGLE GRINDER

GR-CAG18-125

SPECIFICATIONS

Voltage:	20V d.c
Motor:	Brushless Motor
No Load Speed:	10000 rpm
Γ Modes:	Cutting / Sanding
Disc Diameter:	Ø 125mm
Spindle Thread Size :	M14
Net Weight:	1.23 Kg
Dimensions (L x W x H):	291x72x107mm



CORDLESS MULTI-TOOL

GR-CMC9-32

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brushless Motor
No Load Speed:	8000-20000 rpm
Oscillation Angle:	3.20
6 Digital Speed:	Mode 1: 8000 rpm
	Mode 2: 8500 rpm
	Mode 3: 11000 rpm
	Mode 4: 13500 rpm
	Mode 5: 16000 rpm
	Mode 6: 20000 rpm

Net Weight: 1 kg

Dimensions (L x W x H): 303x67x115mm



CORDLESS MULTI-TOOL

GR-RS13-28

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-2500 rpm
Sawblade Size:	0.8-1.6mmTHK
Stroke Length:	28m m
Maximum Sawing:	50mmWood: 5m
	5mm Metal : 1m

Net Weight: 1.5 Kg

Dimensions (L x W x H): 415x88x155mm



CORDLESS CIRCULAR SAW

GR-CCS16-120

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
NO Load Speed:	6900 rpm
Angle Adjustment:	0-45
Saw Blade Size:	120mm*1.5mm*20mm
Center Bore:	20mm
WCutting Depth:	41mm
EO-Cutting Depth:	30mm
Net Weight:	1.8Kg
Dimensions (L x W x H):	365x151x177mm

CORDLESS SLIDING MITER SAW

GR-CCS11-210

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-3000 rpm
Impact Rate:	4000 IPM
Max Torque:	350Nm
Chuck:	1/2" Square
Net Weight:	1 Kg
Dimensions (LxWx H):	119x74x203mm

CORDLESS CIRCULAR SAW

GR-CCS10-190

SPECIFICATIONS

Voltage:	20V d.c
Motor:	Brushless Motor
No Load Speed:	3800 rpm
Angle Adjustment:	0-450
Saw Blade Size(Wood):	φ 190mm
Center Bore:	φ 20mm / φ 30mm
90° Cutting Depth :	Max. 62mm
EO-Cutting Depth :	Max. 43mm
Net Weight:	3.2Kg
Dimensions (L x W x H):	333x280x256mm



CORDLESS ONE-HAND RECIPROCATING SAW

GR-RS23-15

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-3000 rpm
Sawblade Size:	0.8-1.5mmTHK
Stroke Length:	15mm
Net Weight:	1.075 Kg
Dimensions (L x W x H):	192x74x283mm



CORDLESS ORBITAL BUFFER

GR-CP01-180

SPECIFICATIONS

Voltage:	40V d.c.
Motor:	Brushless Motor
No Load Speed:	2700-3300 rpm
Disc Diameter:	180mm
Net Weight:	0.72 Kg
Dimensions (L x W x H):	230x230x270mm



WET AND DRY VACUUM CLEANER

GR-VC01-15

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
	Brush Motor
Capacity:	15L
Motor Power:	180W 150W
Airflow rate:	18L/S 12L/S
Vacuity:	16Kpa
Working life:	>500 H >100 H



WET AND DRY VACUUM CLEANER

GR-VC02-15

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
	Brush Motor
Capacity:	15L
Motor Power:	180W 150W
Airflow rate:	18L/S 12L/S
Vacuity:	16Kpa
Working life:	>500 H >100 H



WET AND DRY VACUUM CLEANER

GR-VC03-20

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
	Brush Motor
Capacity:	20L
Motor Power:	180W 150W
Airflow rate:	18L/S 12L/S
Vacuity:	16Kpa
Working life:	>500 H >100 H





CORDLESS IMPACT DRILL

CORDLESS IMPACT DRILL

GR-CD169SC-30

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brushless Motor
No Load Speed:	0-650 / 0-2000 rpm
Impact Rate:	0-8000/0-32000 bpm
Max Torque:	70Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact21+1+1+1
Drill Capacity :	VWood : 35mm
	Stell: 10mm
	Concrete : 10mm
Net Weight:	1.3 Kg
Dimensions (L x w x H):	162x74x208mm



CORDLESS IMPACT DRILL

GR-CD169C-30

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	0-700 rpm
Impact Rate:	10500 bpm
Max Torque:	30Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact 21+1+1+1
Drill Capacity :	Wood : 25mm
	Stell : 8mm
	Concrete : 8mm
Net Weight:	0.91 Kg
Dimensions (L x W x H):	200x72x184mm



CORDLESS DRILL

GR-CD237S-70

SPECIFICATIONS

Voltage:	20Vdc.
Motor:	Brush Motor
No Load Speed:	0-400 / 0-1500 rpm
Max Torque:	30Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	21+1
Drill Capacity :	Wood : 25mm
	Stell : 8mm
Net Weight:	0.85 Kg
Dimensions (L x W x H):	188x72x184mm



CORDLESS DRILL

GR-CD169-30

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	0-700 rpm
Max Torque:	30Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	21+1
Drill Capacity :	Wood : 28mm
	Stell : 8mm
Net Weight:	085Kg
Dimensions (L x W x H):	188x72x184mm



CORDLESS DRILL

GR-CD190S-30

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	0-400 / 0-1500 rpm
Max Torque:	30Nm
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	21+1
Drill Capacity :	Wood : 25mm
	Stell : 8mm
Net Weight:	0.83 Kg
Dimensions (L x W x H):	170x72x197mm



CORDLESS DRILL

GR-CD109S-40

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	0-450/0-1700 rpm
Max Torque:	40Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	21+1
Drill Capacity :	Wood : 25mm
	Stell : 8mm
Net Weight:	1.18 Kg
Dimensions (L x W x H):	193x72x190mm



CORDLESS IMPACT DRILL

GR-CD109S-40

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	0-450/0-1700 rpm
Max Torque:	40Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	21+1
Drill Capacity :	Wood : 25mm
	Stell : 8mm
Net Weight:	1.18 Kg
Dimensions (L x W x H):	193x72x190mm



CORDLESS IMPACT DRILL

GR-CD190SC-30

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	0-400 / 0-1500 rpm
Impact Rate:	0-6000 /
Max Torque:	30Nm
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	Impact 21+1+1+1
Drill Capacity	Wood : 25mm
	Stell : 8mm
	Concrete : 8mm
Net Weight:	0.92Kg
Dimensions (L x W x H):	209x72x197mm



CORDLESS HAMMER DRILL

GR-RH08

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brush Motor
No Load Speed:	0-1250 rpm
Impact Rate:	c4800bpm
Impact Energy:	4 mode
Function selector:	(drill, drill with hammer, chiselling, vario-lock)
	Wood : max.30mm
Working Capacity:	Metal : max.13mm
	Concrete : max.20mm
	SDS plus
Chuck Capacity:	1.9 Kg
Net Weight:	320x204x90mm
Dimensions (L x W x H):	



CORDLESS DRYWALL SCREW GUN

GR-CD171-5

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brush Motor
No Load Speed :	0-4000 rpm
Max Torque:	5Nm
Chuck Capacity:	1/4"Hex
Net Weight:	0.97 Kg
Dimensions (L x W x H):	260x72x194mm



CORDLESS IMPACT WRENCH



CORDLESS IMPACT WRENCH

GR-TLW36-360

SPECIFICATIONS

Voltage: 20Vd.c

Motor: Brush Motor

No Load Speed: 0-2000 rpm

Impact Rate: 0-3000 bpm

Max Torque: 360Nm

Chuck: 1/2" Square

Net Weight: 2.0Kg

Dimensions (L x W x H): 228x72x201mm



CORDLESS IMPACT WRENCH

GR-IS32-200

SPECIFICATIONS

Voltage: 20V d.c.

Motor: Brush Motor

No Load Speed: 0-2500 rpm

Impact Rate: 0-3000 bpm

Max Torque: 200Nm

Chuck: 1/2" Square

Net Weight: 1.12 Kg

Dimensions (L x W x H): 169x72x188mm



CORDLESS IMPACT WRENCH

GR-IS32-150

SPECIFICATIONS

Voltage: 20V dc

Motor: Brush Motor

No Load Speed: 0-2500 rpm

Impact Rate: 0-3000 bpm

Max Torque: 150Nm

Chuck: 1/4" Hex

Machine Capability: ST5x70mm screw: 60 PCS

ST10x70mm screw: 35 PCS

Net Weight: 1.12 Kg

Dimensions (L x W x H): 164x72x188mm



CORDLESS JIG SAW



CORDLESS RATCHET WRENCH

GR-1W44-30

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	0-260 rpm
Max Torque:	30Nm
Chuck:	9.5 mm(3/8")
Net Weight:	0.84 Kg
Dimensions (L x W x H):	362x64x60mm



CORDLESS JIG SAW

GR-CCS05

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	3500 rpm
Saw Blade Size:	φ 165mm
900Cutting Depth :	Max 53mm
	Max 38mm
Center Bore:	Ø 20mm
Net Weight:	3 kg
Dimensions (L x W x H):	298x243x279mm



CORDLESS JIG SAW

GR-CJS03-20

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	0-2700 rpm
Material of base-plate:	Iron
Stroke Length:	20mm
Bevel adjustment:	0-45°
Max.Cutting Depth:	Wood: 80mm
	Steel: 5mm
Net Weight:	1.3 Kg
Dimensions (LxWx H):	208x71x211mm



CORDLESS RECIPROCATING SAW

GR-RS11-22

SPECIFICATIONS

Voltage:	20V d.c
Motor:	Brush Motor
No Load Speed:	0-2800 rpm
Sawblade Size:	0.8-1.6mmTHK
Stroke Length :	22mm
Maximum Sawing:	50mmWood: 3m 5mm Metal 1.5m
Net Weight:	1.8 Kg
Dimensions (L x W x H):	397x79x146mm



CORDLESS RECIPROCATING SAW

GR-RS18-22

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0-3000 rpm
Impact Rate:	4000 IPM
Max Torque:	350Nm
Chuck:	1/2" Square
Net Weight:	1 Kg
Dimensions (LxWx H):	119x74x203mm



CORDLESS MULTI-TOOL

GR-CMC11-3.2

SPECIFICATIONS

Voltage:	20Vd.c.
Motor:	Brushless Motor
No Load Speed:	0-650 / 0-2000 rpm
Impact Rate:	0-8000/0-32000 bpm
Max Torque:	70Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	Impact 21+1+1+1
Drill Capacity :	VWood : 35mm Stell : 10mm Concrete : 10mm
Net Weight:	1.3 Kg
Dimensions (L x w x H):	162x74x208mm



CORDLESS SANDER

GR-DS04-1.25

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brushless Motor
No Load Speed:	0450/0-2000 rpm
MaxTorque:	Max 70Nm
Chuck Capacity:	2-13mm (1/2")
Torque Setting:	21+1
Drill Capacity :	Vilood : 35mm Stell : 10mm
Net Weight:	1.2 Kg
Dimensions (Lx W x H):	149x74x208mm



CORDLESS ANGLE GRINDER

GR-ICAG12-125

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	8500 rpm
Disc Diameter:	Ø 115mm/Ø 125mm
Spindle Thread Size :	M14
Net Weight:	1.525 Kg
Dimensions (L x W x H):	334x128x124mm



CORDLESS SPARY GUN

GR-SPD8003

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
Flow rate:	650ml /min
Paint container:	1000ml
Max paint viscosity:	<80din
Net Weight:	1 kg
Dimensions (L x W x H):	220x195x278mm



CORDLESS SPARY GUN

GR-CSG02

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
Nozzle Size:	1.8mm
Nozzle Material:	copper
Cup Capacity:	800ml
Max. Service Viscosity:	50Din / sec
Maxi. Spray Volume:	500ml / min
Net Weight:	840g
Dimensions (L x W x H):	268x117x250mm



CORDLESS ROTARY TOOL STATION

GR-MD07

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	5000-34000 rpm
Clamping range:	3.2(1/8")
Net Weight:	2.6 Kg
Dimensions (LxWx H):	230x156x107mm



CORDLESS GLUE GUN

GR-CG02

SPECIFICATIONS

Voltage:	20V d.c.
Light:	Heating: Red
	Use: Green
Glue Stick Diameter:	11mm
Nozzle:	ø 2mm
Glue Stick Diameter:	11mm
Start:	Long press 2S
Net Weight:	0.3 Kg
Dimensions (L x W x H):	161x224x75mm



CORDLESS SOLDERING IRON

GR-SI01

SPECIFICATIONS

Voltage:	20V d.c.
Maximum heating power:	60W
Temperature range :	1000c-5000C
3500C heating time :	35



CORDLESS WORK LIGHT

GR-CL12

SPECIFICATIONS

Voltage:	20V d.c.
LED Qty:	36 pcs SMD2835
Wattage:	20W
Luminous Flux:	2000 / 9001m
Color Temp:	6000k
color rendering index:	Ra>80
Lamp Viewing Angle:	1200
Net Weight:	0.39Kg
Dimensions (LxWx H):	256x168x222mm



CORDLESS WORK LIGHT

GR-CL15

SPECIFICATIONS

Voltage:	20V d.c.
Wattage:	30W
Luminous Flux:	2400Lm
Color Temp:	3000k/4000k 5000k/6500k
color rendering index:	Ra>80
Lamp Viewing Angle:	1200



CORDLESS WORK LIGHT

GR-CL07

SPECIFICATIONS

Voltage:	20Vd.c.
Function Selector:	3 mode
Power:	Mode 1: 4.5W Mode 2: 9w Mode3: 4 5W
Luminance:	Mode 1: 5001m Mode 2: 10001m Mode3: Flashed
Continuous working time:	22.5h
Net Weight:	0.39 Kg
Dimensions (L x W x H):	130x100x225mm



CORDLESS WORK LIGHT

GR-CL10

SPECIFICATIONS

Voltage:	20V d.c.
LED Qty:	4 pcs SMD3535
Power:	300Lm / 150Lm
Luminous Flux:	1800
Lamp Viewing Angle :	Spotligh
Lamp Viewing Angle:	Floodlight
Net Weight:	0.19 Kg
Dimensions (LxWx H):	150x70x50mm



K-ADAPTER

GR-ADOI

SPECIFICATIONS

Input Voltage:	Input Voltage:
Output Voltage:	Output Voltage:
Dimensions (L x W x H):	Dimensions (L x W x H):
Overpack:	Overpack:



LITHIUM-LON CHARGER FOR K PLATFORM

GR-2002000G

SPECIFICATIONS

Voltage:	20V d.c.
Maximum heating power:	60W
Temperature range :	1000c-5000C
3500C heating time :	35



LITHIUM-LON CHARGER FOR K PLATFORM

GR-Y402002000K2

SPECIFICATIONS

Voltage:	20V
Input:	230Vac47Hz-63Hz60W
Output:	18-Max.20V DC 2A
Charging Current:	2A



CORDLESS AIR PUMP

GR-AP02

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
Max Pressure:	150PSI
Air flow:	> 15L\min
Noise:	<85db
Dimensions (LxWx H):	309x82x245mm



CORDLESS AIR PUMP

GR-AP03

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
Max Pressure:	160PSI
Inflator Hose Length:	790mm
Pump Hose Length:	360mm
Cigar-Lighter Cable & Plug:	3M 18AWG



CORDLESS AIR PUMP

GR-AP04

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	5000-34000 rpm
Clamping range:	3.2(1/8")
Net Weight:	2.6 Kg
Dimensions (LxWx H):	230x156x107mm



LITHIUM-LON CHARGER FOR K PLATFORM

GR-2004000G1

SPECIFICATIONS

Voltage:	20V
Input:	220-240Vac 50Hz
	60Hz 110W
Output:	Max.20V DC 4A
Charging Current:	4A



LITHIUM-LON CHARGER FOR K PLATFORM

GR-2004000G&2

SPECIFICATIONS

Voltage:	20V
Input:	220-240Vac 50Hz
	60Hz 110W
Output:	Max.20V DC 4A
Charging Current:	4A



LITHIUM-LON CHARGER FOR K PLATFORM

GR-K5X-1103

SPECIFICATIONS

Voltage:	20V d.c.
Battery pack capacity:	2000mAh
Cell Specification:	INR18650
Cell Manufacturer:	Sunpower
	Highstar
	Hungrow
Overpack:	BMC+ Color Box



LITHIUM-LON CHARGER FOR K PLATFORM

GR-K5X-1104

SPECIFICATIONS

Voltage:	20V d.c.
Battery pack capacity:	4000mAh
Cell Specification:	INR18650
Cell Manufacturer:	Sunpower
	Highstar
	Hungrow
Overpack:	BMC+ Color Box



LITHIUM-LON CHARGER FOR K PLATFORM

GR-K5X-1112

SPECIFICATIONS

Voltage:	20V d.c.
Battery pack capacity:	2000mAh
Cell Specification:	INR18650
Cell Manufacturer:	Sunpower
	Highstar
	Hungrow
Overpack:	BMC+ Color Box



**LITHIUM-LON
CHARGER FOR K PLATFORM**

GR-K5X-1113

SPECIFICATIONS

Voltage:	20V d.c.
Battery pack capacity:	4000mAh
Cell Specification:	INR18650
Cell Manufacturer:	Sunpower
	Highstar
	Hungrow
Overpack:	BMC+ Color Box



**LITHIUM-LON
CHARGER FOR K PLATFORM**

GR-K5X-1107

SPECIFICATIONS

Voltage:	20V d.c.
Battery pack capacity:	3000mAh
Cell Specification:	INR21700
Cell Manufacturer:	Sunpower
	Highstar
	Hungrow
Overpack:	BMC+ Color Box



**LITHIUM-LON
CHARGER FOR K PLATFORM**

GR-K5X-1107-2

SPECIFICATIONS

Voltage:	20V d.c.
Battery pack capacity:	4000mAh
Cell Specification:	INR21700
Cell Manufacturer:	Sunpower
	Highstar
	Hungrow
Overpack:	BMC+ Color Box



**LITHIUM-LON
CHARGER FOR K PLATFORM**

GR-K5X-1108-1

SPECIFICATIONS

Voltage:	20V d.c.
Battery pack capacity:	6000mAh
Cell Specification:	INR21700
Cell Manufacturer:	Sunpower
	Highstar
	Hungrow
Overpack:	BMC+ Color Box



**LITHIUM-LON
CHARGER FOR K PLATFORM**

GR-K5X-1108-2

SPECIFICATIONS

Voltage:	20V d.c.
Battery pack capacity:	8000mAh
Cell Specification:	INR21700
Cell Manufacturer:	Sunpower
	Highstar
	Hungrow
Overpack:	BMC+ Color Box



CORDLESS DRILL IMPACT DRILL

GR-CD141/S/SC-15/25

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	Single Speed: 0-700rpm Double Speed: 0-400 0-1500rpm
Impact Rate:	0-6400/0-24000bpm
Max Torque:	12V: 15N.m, 20V: 25N.m
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	Drill: 21+1 Impact Drill: 21+1+1+1
Net Weight:	0.95 Kg
Dimensions (LxWxH):	188x66x185mm



CORDLESS DRILL IMPACT DRILL

GR-CD101/S/C/SC-15/25

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	Single Speed: 0-700rpm Double speed: 0-400 0-1500rpm
Impact Rate:	0-6000/0-22500bpm
Max Torque:	12V: 15N.m, 20V: 25N.m
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	Drill: 21+1 Impact Drill: 21+1+1+1
Net Weight:	0.91 Kg
Dimensions (L x W x H):	172x74x195mm



CORDLESS DRILL / IMPACT DRILL

GR-CD92/S/C/SC-15/25

SPECIFICATIONS

Voltage:	12V d.c., d.c.
Motor:	Brush Motor
No Load Speed:	Single Speed: 0-700rpm Double speed: 0-400 rpm 0-1500rpm
Impact Rate:	0-6400/0-24000bpm
Max Torque:	12V: 15N.m, 20V: 25N.m
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	Drill: 21+1 Impact Drill: 21+1+1+1
Net Weight:	0.95 Kg
Dimensions (L x W x H):	184x66x185mm



CORDLESS DRILL

GR-CD-119/C-15/25

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	0-550 rpm
Impact Rate:	0-8000bpm
Max Torque:	18N.m
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	Drill: 16+1 Impact Drill: 22+1+1
Net Weight:	0.85 Kg
Dimensions (L x W x H):	222x66x183mm



CORDLESS DRILL IMPACT DRILL

GR-CD111/S/C/SC-15/25

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	Single Speed: 0-700rpm Double Speed: 0-400 0-1500rpm
Impact Rate:	0-6000/0-22500bpm
Max Torque:	12V: 15N.m, 20V: 25N.m
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	Drill: 21+1 Impact Drill: 21+1+1+1
Net Weight:	0.81 Kg
Dimensions (LxWx H):	174x66x185mm



CORDLESS IMPACT DRILL

GR-CD130/S/SC-15/25

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	0-400 / 0-1500 rpm
Impact Rate:	0-5200/0-19500bpm
Max Torque:	12V: 15N.m, 20V: 25N.m
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	Drill: 21+1 Impact Drill: 21+1+1+1
Net Weight:	1.1 Kg
Dimensions (L x W x H):	208x66x185mm



CORDLESS IMPACT DRILL

GR-CD97/S/SC-15/25

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	Single Speed: 0-700rpm Double speed: 0-400 0-1500rpm
Impact Rate:	0-6400/0-24000bpm
Max Torque:	12V: 15N.m, 20V: 25N.m
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	Drill: 21+1 Impact Drill: 21+1+1+1
Net Weight:	0.81 Kg
Dimensions (L x W x H):	170x66x187mm



CORDLESS CIRCULAR SAW

GR-CCS05-165

SPECIFICATIONS

Voltage:	20V d.c.
Motor:	Brush Motor
No Load Speed:	3500 rpm
Saw Blade Size:	φ 165mm
900Cutting Depth:	Max 53mm Max 38mm
Center Bore :	φ 20mm
Net Weight:	3 Kg
Dimensions (L x W x H):	296x350x278mm



CORDLESS GLUE GUN

GR-CG01-7.2

SPECIFICATIONS

Voltage:	12V d.c., d.c.
Motor:	Brush Motor
Heat Up Time:	IOS
Startup mode:	Long press switch 2s
Lighting mode:	Heat red light use green light
Glue rod diameter:	7.2mm
Dimensions (LxWx H):	205x68x228mm



CORDLESS MINI GRINDER

GR-MD03-2.3/3.2

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	10000-22000 rpm
Clamping range:	02.3/03.2mm
Variable Speed dial:	5 Digital Speed
Model:	10000 rpm; Mode2: 10000-13000 rpm Mode3: 13000-16000 rpm; Mode4: 16000-19000 rpm Mode5: 19000-22000 rpm
Charging method:	Fast charge 60min jump light
Net Weight:	0.7 Kg
Dimensions (L x W x H):	197x69x56mm



CORDLESS AIR PUMP

GR-AP02-150

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
Max Pressure:	150PSI
Airflow:	15L / min
Noise:	<85db
Dimensions (LxWx H):	311x82x250mm



CORDLESS IMPACT DRIVER

GR-IS19-90/110

SPECIFICATIONS

Voltage:	12V d.c., d.c.
Motor:	Brush Motor
No Load Speed:	0-2100 rpm
Impact Rate:	0-3360bpm
Max Torque:	12V: 90N.m 20V: 110N.m
Chuck:	1/4" Hex
Net Weight:	0.9Kg
Dimensions (LxWx H):	164x66x186mm



CORDLESS IMPACT DRIVER

GR-IS13-90/110

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	0-2100 rpm
Impact Rate:	0-3360bpm
Max Torque:	1N: 90N.m, 20V: 110N.m
Chuck:	1/4" Hex
Net Weight:	0.9Kg
Dimensions (LxWx H):	162x66x182mm



CORDLESS RATCHET WRENCH

GR-IW44-30

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	0-260 rpm
Max Torque:	30Nm
Chuck:	9.5 mm(3/8")
Net Weight:	0.84 Kg
Dimensions (LxWx H):	345x56x59mm



CORDLESS ONE-HANDED RECIPROCATING SAW

GR-RS06-13.8

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	0-2800 rpm
Saw Blade:	150mm
Stroke Length :	13.8mm
Maximum Sawing:	Wood: 30mm/Metal: 4mm
Net Weight:	1.1 Kg
Dimensions (L x W x H):	321x64x182mm



CORDLESS IMPACT DRILL

GR-CD256SC-40

SPECIFICATIONS

Voltage:	12V d.c.
Motor:	Brushless Motor
No Load Speed:	0-400/0-1800rpm
Impact Rate:	0-6000 / 0-27000 bpm
Max Torque:	40Nm
Chuck Capacity:	2-10mm
Torque Setting:	Impact 20+1+1+1
Net Weight:	0.82 Kg
Dimensions (L x W x H):	144x58x169mm



CORDLESS MULTI-TOOL

GR-CMC04-3.2

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	6000-16000 rpm
Oscillation Angle:	3.2
1 Digital Speed:	Model: 6000 rpm
	Mode 2: 8500 rpm
	Mode 3: 11000 rpm
	Mode4: 13500 rpm
	Mode 5: 16000 rpm
Net Weight:	0.8Kg
Dimensions (L x W x H):	266x56x97mm



CORDLESS DRILL

GR-CD256S-40

SPECIFICATIONS

Voltage:	12V d.c.
Motor:	Brushless Motor
No Load Speed:	0-400/0-1800rpm
Max Torque:	40Nm
Chuck Capacity:	2-10mm
Torque Setting:	20+1
Net Weight:	0.77 Kg
Dimensions (L x W x H):	129x58x169mm



CORDLESS IMPACT DRILL

GR-CD255-40

SPECIFICATIONS

Voltage:	12V d.c.
Motor:	Brushless Motor
No Load Speed:	0-400/0-1800rpm
Max Torque:	40Nm
Chuck Capacity:	1/4
Torque Setting:	20+1
Net Weight:	0.75 Kg
Dimensions (L x W x H):	150x58x169mm



CORDLESS DRILL

GR-CD62/S-12

SPECIFICATIONS

Voltage:	12Vd.c.
Motor:	Brush Motor
No Load Speed:	Single Speed: 0-700rpm Double Speed: 0-400 0-1500rpm
Impact Rate:	0-6000/0-22500bpm
Max Torque:	12N.m
Chuck Capacity:	0.8- 10mm (3/8")
Torque Setting:	18+1
Net Weight:	0.8 Kg
Dimensions (LxWx H):	190x60x182mm



CORDLESS DRILL

GR-CD49S-18

SPECIFICATIONS

Voltage:	12Vd.c.
Motor:	Brush Motor
No Load Speed:	0-400/0-1500rpm
Max Torque:	18N.m
Chuck Capacity:	0.8-10mm (3/8")
Torque Setting:	18+1
Net Weight:	0.8 Kg
Net Weight:	160x49x187mm



CORDLESS DRILL/IMPACT DRILL

GR-CD51-80

SPECIFICATIONS

Voltage:	12Vd.c.
Motor:	Brush Motor
No Load Speed:	2200rpm
Max Torque:	80N.m
Chuck:	1/4" Hex
Impact Rate:	0-3000bpm
Net Weight:	0.8 Kg
Dimensions (LxWx H):	178x58x194mm



CORDLESS DRIVER

GR-IS63-50

SPECIFICATIONS

Voltage:	7.2V d.c.
Motor:	Brush Motor
No Load Speed:	1800 rpm
Charging Socket:	DC
Max Torque:	50N.m
Chuck:	1/4" Hex
Net Weight:	0.9Kg
Dimensions (LxWx H):	221x50x155mm



CORDLESS DRIVER

GR-CS76-8

SPECIFICATIONS

Voltage:	7.2V d.c.
Motor:	Brush Motor
No Load Speed:	250 rpm
Charging Socket:	DC/micro USB
Max Torque:	8N.m
Chuck:	1/4" Hex
Torque Setting:	9+1
Net Weight:	0.9Kg
Dimensions (L x W x H):	208x50x155mm



CORDLESS DRIVER

GR-CS77-5

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	180 rpm
Charging Socket:	DC/micro USB
Max Torque:	5N.m
Chuck:	1/4" Hex
Torque Setting:	4+1
Net Weight:	436 g
Dimensions (L x W x H):	200x50x134mm



CORDLESS DRIVER

GR-CS67-3.5

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	180 rpm
Charging Socket:	micro USB
Max Torque:	4N.m
Chuck:	1/4" Hex
Net Weight:	405 g
Dimensions (L x W x H):	187x45x139mm



CORDLESS DRIVER

GR-CS74-3.5

SPECIFICATIONS

Voltage:	12V d.c., 20V d.c.
Motor:	Brush Motor
No Load Speed:	0-2800 rpm
Saw Blade:	150mm
Stroke Length :	13.8mm
Maximum Sawing:	Wood: 30mm/Metal: 4mm
Net Weight:	1.1 Kg
Dimensions (L x W x H):	321x64x182mm



CORDLESS DRIVER

GR-CS72-3

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	220 rpm
Charging Socket:	micro USB
Max Torque:	3N.m
Chuck:	1/4" Hex
Net Weight:	250 g
Dimensions (L x W x H):	174x31x31mm



CORDLESS DRIVER

GR-CS66-4

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	180 rpm
Charging Socket:	micro USB
Max Torque:	4N.m
Chuck:	1/4" Hex
Net Weight:	300 g
Dimensions (L x W x H):	158x45x128mm



CORDLESS DRIVER

GR-CS73-3.5

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	180 rpm
Charging Socket:	micro USB
Max Torque:	3.5N.m
Chuck:	1/4" Hex
Torque Setting:	9+1
Net Weight:	400 g
Dimensions (L x W x H):	197x48x130mm



CORDLESS DRIVER

GR-CS57-3

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	180 rpm
Charging Socket:	micro USB
Max Torque:	3N.m
Chuck:	Hex
Net Weight:	400 g
Dimensions (LxWx H):	175x45x133mm



CORDLESS DRIVER

GR-CS45-2.5

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	180 rpm
Charging Socket:	DC
Max Torque:	2.5N.m
Chuck:	1/4" Hex
Net Weight:	300 g
Dimensions (Lx W x H):	157x44x105mm



CORDLESS DRIVER

GR-CS63-3.5

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	180 rpm
Charging Socket:	micro USB
Max Torque:	3.5N.m
Chuck:	1/4" Hex
Net Weight:	405 g
Dimensions (LxWx H):	185x44x134mm



CORDLESS DRIVER

GR-CS46-3

SPECIFICATIONS

Voltage:	3.6V d.c.
Motor:	Brush Motor
No Load Speed:	180 rpm
Charging Socket:	micro USB
Max Torque:	3.5N.m
Chuck:	1/4" Hex
Net Weight:	405 g
Dimensions (LxWx H):	187x44x135mm



LAWN MOWER



LAWN MOWER

GR-MJ-7601

SPECIFICATIONS

Voltage:	MAX
Motor:	Brushless Motor
Wattage:	450W
Speed:	3300rpm±5%
Cutting Width:	370mm
Cutting capacity:	26mm
Single lever 6 Cutting Positions: 25-75mm (1"-3")	
Grass Catcher:	40L
No-load time:	40 mins(2PCS 2.5Ah battery)
Machine Weight:	13KG



LAWN MOWER

GR-MJ-7602

SPECIFICATIONS

Voltage:	MAX
Motor:	Brushless Motor
Wattage:	1100W
Speed:	High speed 3100 RPM
	Low speed 2700 RPM
Cutting Width:	510mm
7 Cutting Positions:	30-90mm
Diameter of Wheel:	180mm(front)
	250mm(rear)
Grass Catcher:	60L
Machine Weight:	27KG(With Battery Pack)



GRASS TRIMMER

GRASS TRIMMER

GR-MJ-8601

SPECIFICATIONS

Voltage:	MAX
Motor:	Brushless Motor
Wattage:	450W
Speed:	High speed 6000 RPM; Low speed 5000 RPM
Cutting Width:	350mm
Cutting Line Diameter:	2.0mm
Machine Weight:	5.0KG(With Battery Pack)



GRASS TRIMMER

GR-MJ-8602

SPECIFICATIONS

Voltage:	MAX 20V
Motor:	BRUSH MOTOR
Wattage:	45 OW
Speed:	speed 6000 RPM+, Low speed 5000 RPM
Cutting Width :	350mm
Cutting Line Diameter:	02.0mm
Machine Weight:	5.0KG(With Battery Pack)



GRASS TRIMMER BRUSH CUTTER

GR-MJ-8605

SPECIFICATIONS

Voltage:	MAX
Motor:	Brushless Motor
Wattage:	450W
Speed :	High speed 6000 RPM; Low speed 5000 RPM
Cutting Width :	400m m
Brush Gutter Cutting Width:	255mm
Cutting Line Diameter:	02.0mm
Machine Weight:	5.2KG(With Battery Pack)



SINGLE HAND CHAINSAW



SINGLE HAND CHAINSAW

GR-MJ-8306

SPECIFICATIONS

Voltage:	MAX 20V
Motor:	BRUSHLESS MOTOR
Wattage:	400W
Chain Speed:	7.5m/s
Chain Plate Size:	8 "
Oil Pot Volume:	35ml
The brake way:	Mechanical brake
Machine Weight:	1.5KG(With Battery Pack bar and chain)



SINGLE HAND CHAINSAW

GR-MJ-8307

SPECIFICATIONS

Voltage:	MAX
Motor:	BRUSHLESS MOTOR
Wattage:	400W
Chain Speed:	4m/s
Chain Plate Size:	4 "
Oil Pot Volume:	NO
Machine Weight:	0.9KG(With Battery Pack bar and chain)



BLOWER



BLOWER

GR-MJ-7001

SPECIFICATIONS

Voltage:	MAX
Motor	Brushless Motor
Wattage:	800W
Air Speed:	High speed 59m/s; Low Speed 47m/s
Air Volume:	High speed 453CFM; Low Speed 360CFM
Machine Weight:	4.1KG(With Battery Pack)



BLOWER

GR-MJ-7002

SPECIFICATIONS

Voltage:	MAX 20V
Motor:	BRUSH MOTOR
Wattage:	250W
Air Speed:	62m/s
Air Volume:	54.7CFM
Machine Weight:	1.6KG(With Battery Pack)



POLE SAW & POLE HEDGE TRIMMER

GR-CS46-3

SPECIFICATIONS

Voltage:	MAX 20V
Motor:	BRUSH MOTOR
speed:	Max.2500rpm
Chain Speed:	5 m/s max.
Cutting length :	200mm Max.(8");
Oil Tank:	65 ml
Cutting Length:	410 mm
Machine Weight:	4.2KG(With Battery Pack bar and chain)



HEDGE TRIMMER

GR-MJ-8001

SPECIFICATIONS

Voltage:	MAX
Motor:	Brushless Motor
Wattage:	450W
Reciprocating speed of blade:	2000 RPM
Blade length:	600mm
Cutting capacity:	26mm
The brake way:	Electronic brake system
Machine Weight:	4.1KG(With Battery Pack)



ELECTRIC SCISSORS

GR-MJ-5001

SPECIFICATIONS

Voltage:	MAX 20V
Motor:	BRUSH MOTOR
Wattage:	250W
Pruning ability:	28mm
Working life:	>100min



HEDGE TRIMMER

GR-MJ-8002

SPECIFICATIONS

Voltage:	MAX 20V
Motor:	BRUSH MOTOR
Wattage:	200W
Reciprocating speed of blade:	2000 RPM
Blade length:	450/510mm
Cutting capacity:	18mm
The brake way:	Electronic brake system
Machine Weight:	2.35KG(With Battery Pack)



CORDLESS CHAINSAW

GR-MJ-8301

SPECIFICATIONS

Voltage:	MAX
Motor:	Brushless Motor
Wattage:	1000W
Chain Speed:	High speed 16m/s; Low Speed 12m/s
Chain Plate Size:	14
Oil Pot Volume:	80ml
The brake way:	Mechanical brake
Machine Weight:	5.1KG(With Battery Pack bar and chain)



PRUNER AND LAWNMOWER

GR-MJ-7901/7902

SPECIFICATIONS

Voltage:	DC3.6/7.2V
Motor:	BRUSH MOTOR
speed:	1000±50/0 rpm
Cutting length:	120mm Max
Cutting Width:	80mm Max
Cutting capacity:	8mm Max
Battery Pack:	1.5AH
Charger:	1.5A USB
Machine Weight:	0.9KG(With Two blades)



CORDLESS CHAINSAW

GR-MJ-8302

SPECIFICATIONS

Voltage:	MAX 20V
Motor:	BRUSH MOTOR
Wattage:	500W
Chain Speed:	6m/s
Chain Plate Size:	10
Oil Pot Volume:	150ml
The brake way:	Mechanical brake
Machine Weight:	4.2KG(With Battery Pack bar and chain)





LASER PEN

GR-NLL01

SPECIFICATIONS

Batteries :	2x 1.5V AAA
Operating life Time:	>15h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accuracy:	Point, $\pm 0.5\text{mm/m}$;
Working Range:	Line, 5m; Point, >20m
Operating Temperature:	0°C~40°C
Point-Laser Diameter:	100LUX, <15mm/20m



LASER PEN

GR-GR-NLL04

SPECIFICATIONS

Batteries :	2x 1.5V AAA
Operating life Time:	>15h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accuracy:	Point, $\pm 0.5\text{mm/m}$;
Working Range:	Line, 5m; Point, >20m
Operating Temperature:	0°C~40°C
Point-Laser Diameter:	100LUX, <15mm/20m

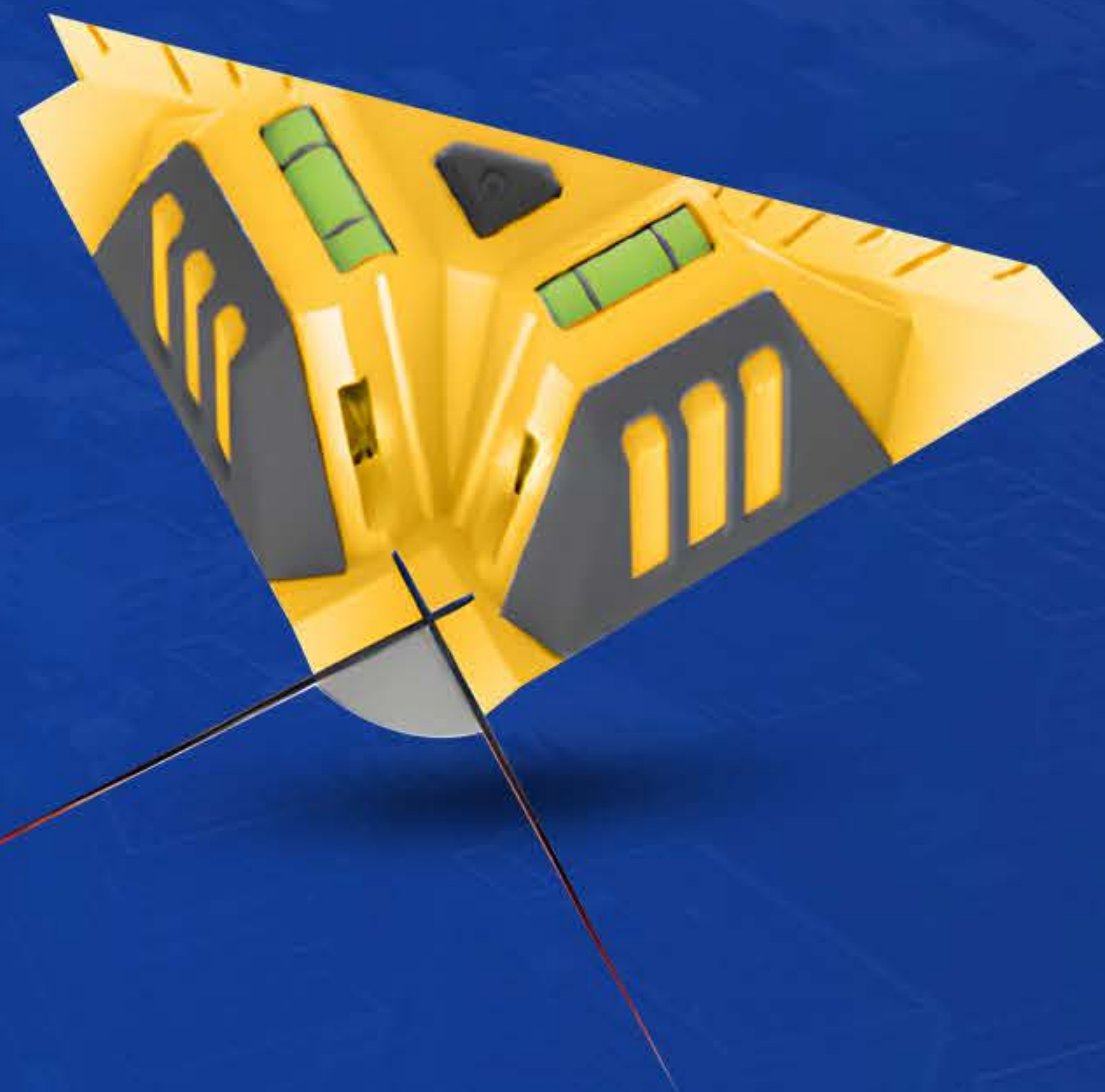


TILE LASER

GR-NLL02

SPECIFICATIONS

Batteries:	2x 1.5V AA
Operating life Time:	>30h
Laser Wave Length:	630-650nm
Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accuracy:	$\pm 0.5\text{mm/m}$;
Working Range:	>7m
Operating Temperature:	0°C~40°C



MINI SELF-LEVELING CROSS LASER

GR-NLC01

SPECIFICATIONS

Batteries: 2x 1.5V AA

Operating life Time: >15h

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Laser line width: 100LUX, 3mm/5m

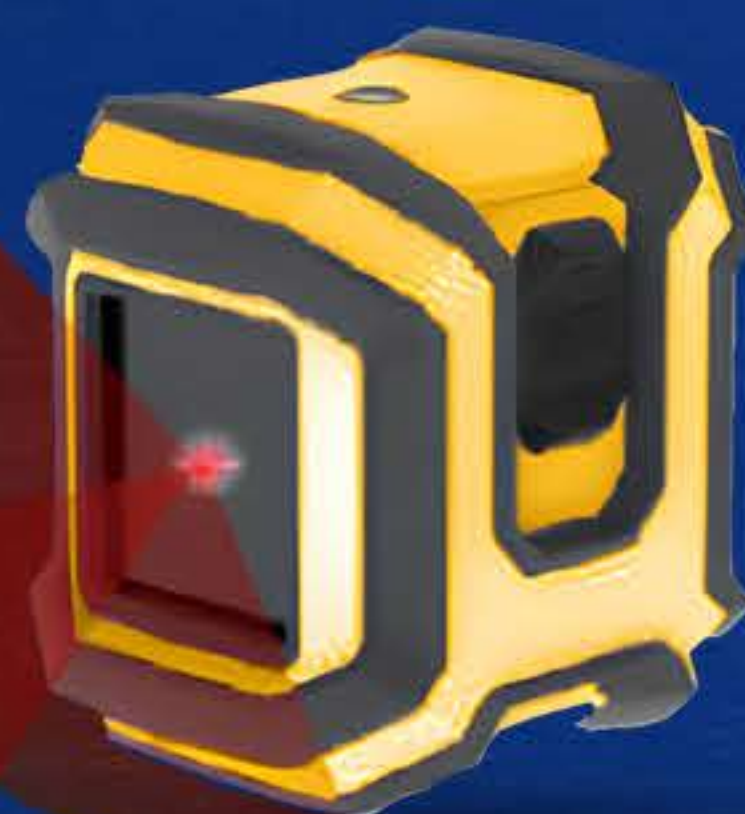
Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m

Operating Temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$



MINI SELF-LEVELING CROSS LASER

GR-NLC06

SPECIFICATIONS

Batteries: 2x 1.5V AAA

Operating life Time: >10h

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Laser line width: 100LUX, 3mm/5m

Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m

Operating Temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$



MINI SELF-LEVELING CROSS LASER

GR-NLC02

SPECIFICATIONS

Batteries: 2x 1.5V AAA

Operating life Time: >10h

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Laser line width: 100LUX, 3mm/5m

Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m

Operating Temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$



SELF-LEVELING CROSS LASER

GR-NLC07

SPECIFICATIONS

Batteries: 2x 1.5V AA

Operating life Time: >15h

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Laser line width: 100LUX, 3mm/5m

Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m

Operating Temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$



SELF-LEVELING CROSS LASER

GR-NLC03

SPECIFICATIONS

Batteries: 2x 1.5V AAA

Operating life Time: >15h

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Laser line width: 100LUX, 3mm/5m

Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m

Operating Temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$



SELF-LEVELING 180 CROSS LASER

GR-NLC08

SPECIFICATIONS

Batteries: 2x 1.5V AA

Operating life Time: >5h

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Laser line width: 100LUX, 3mm/5m

Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m

Operating Temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$



MINI SELF-LEVELING CROSS LASER

GR-NLC09

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>10h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING 3 LINES LASER

GR-NLC12

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>15h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING 3 DOTS LASER

GR-NLC10

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>20h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



MINI SELF-LEVELING CROSS LASER

GR-NLC14

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>20h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING 3 DOTS LASER

GR-NLC11

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>40h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING CROSS LASER

GR-NLC15

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>15h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING 3 DOTS LASER

GR-NLC17

SPECIFICATIONS

Batteries:	2x 1.5V AA
Operating life Time:	>40h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accuracy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



MINI SELF-LEVELING CROSS LASER

GR-NLC23

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>20h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



MINI SELF-LEVELING CROSS LASER

GR-NLC21

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>20h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accuracy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



MINI SELF-LEVELING 360CROSS LASER

GR-NL360-1

SPECIFICATIONS

Batteries :	2x 1.5V AA
Operating life Time:	>20h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu ra cy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING CROSS LASER

GR-NLC22

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>15h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



2/3-PLANE SELF-LEVELING LASER

GR-NL360-2

SPECIFICATIONS

Batteries :	2x 1.5V AA
Operating life Time:	>10h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu ra cy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C

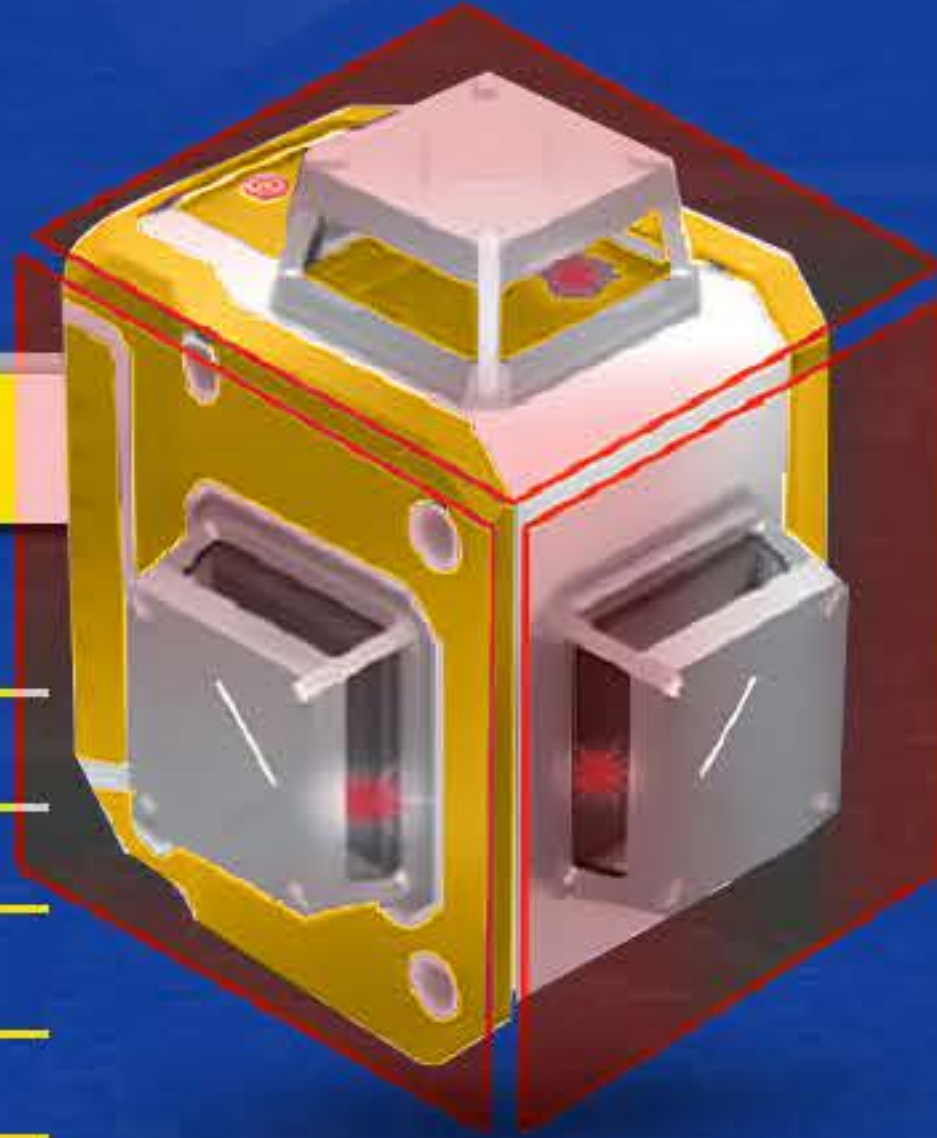


2/3-PLANE SELF-LEVELING LASER

GR-NL360-3

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>10h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C

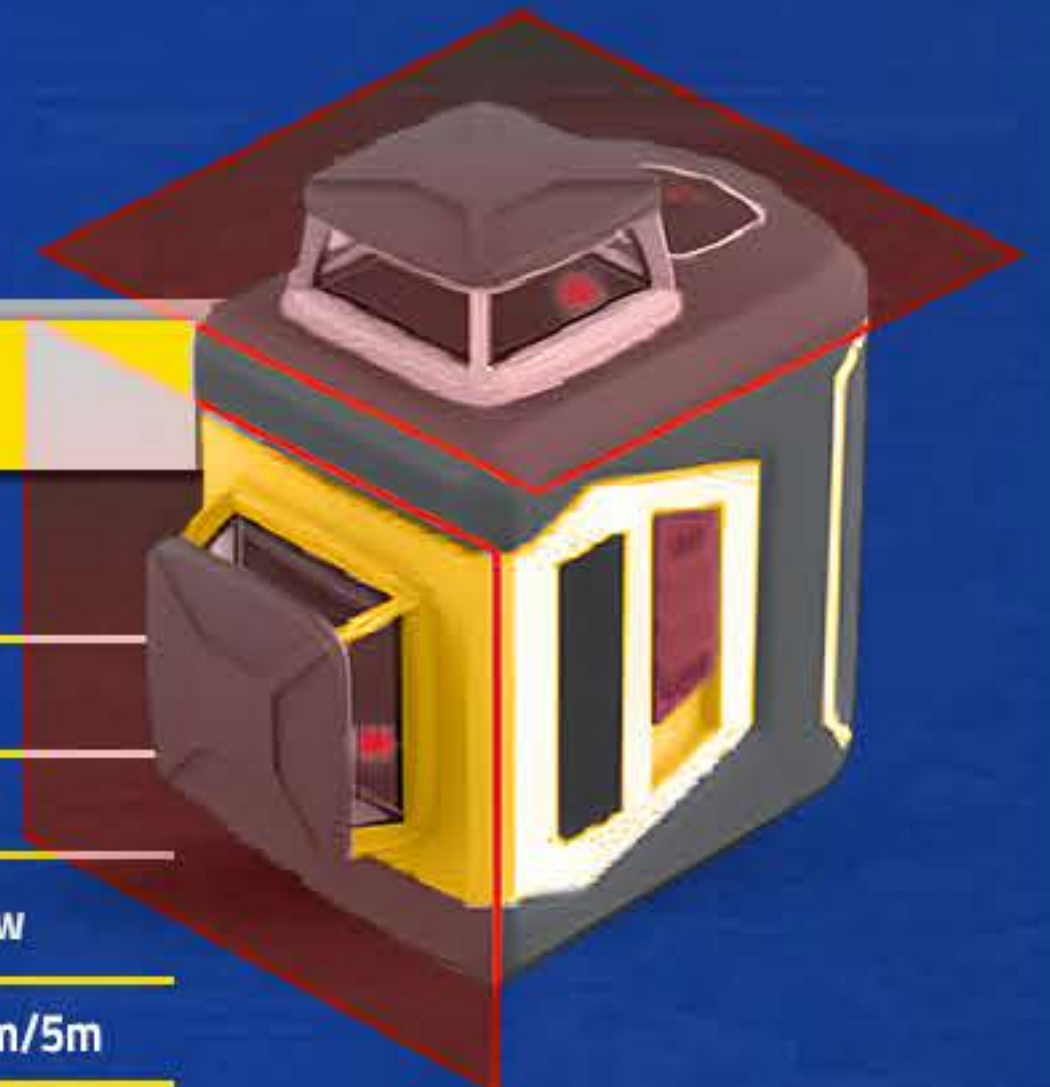


2/3-PLANE SELF LEVELING LASER

GR-NL360-2C

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>10h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING LASER

GR-NLC24

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>20h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



2/3-PLANE SELF LEVELING LASER

GR-NL360-3C

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>20h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C

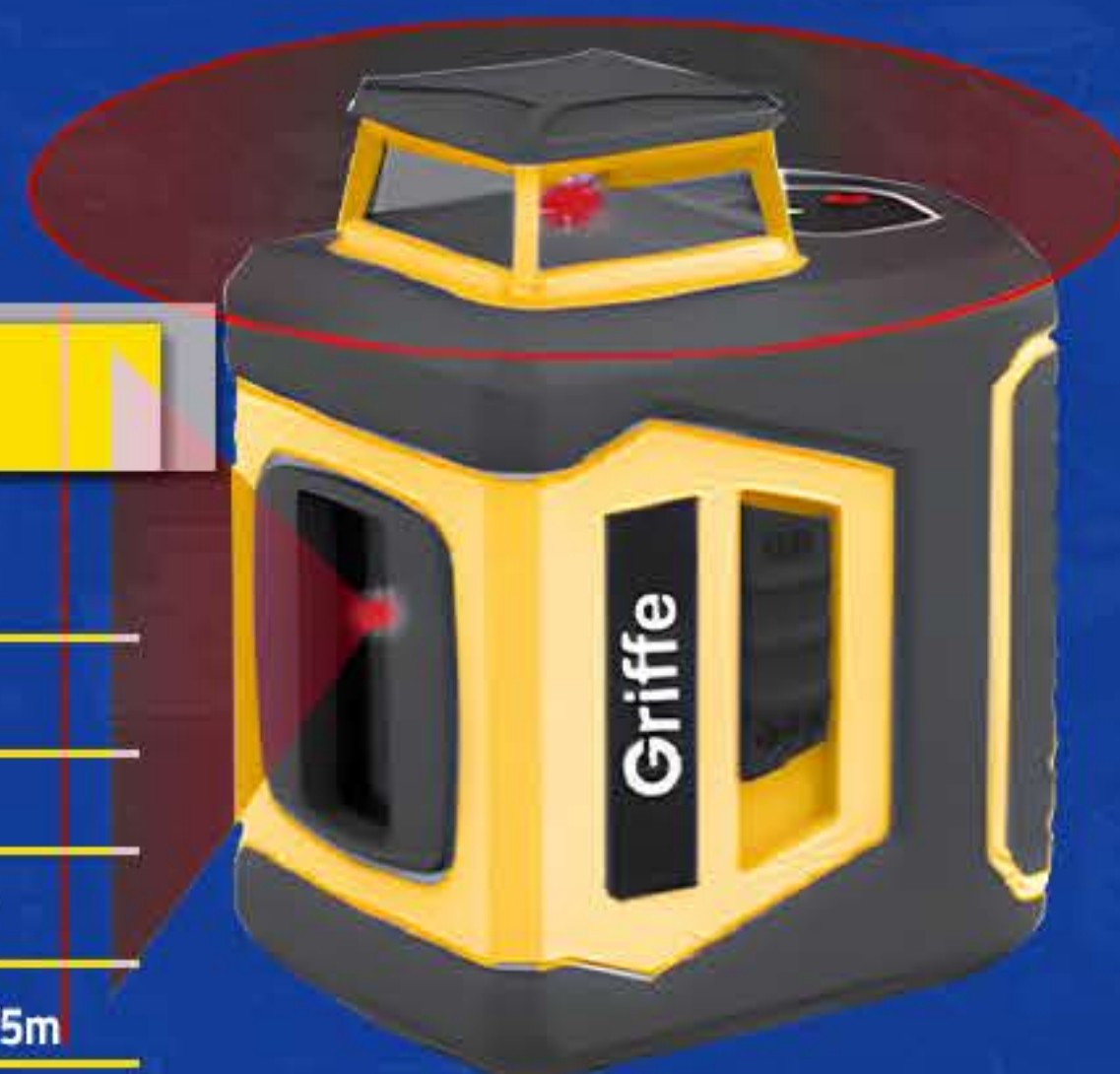


SELF-LEVELING 360 CROSS LASER

GR-NL360-1C

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>20h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING 360 CROSS LASER

GR-NL360-J

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>15h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING 360 CROSS LASER

GR-NL360-1E

SPECIFICATIONS

Batteries:	2x 1.5V AA
Operating life Time:	>20h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accuracy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



SELF-LEVELING 360 CROSS LASER

GR-NL360-1H

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>20h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



2-PLANE SELF LEVELING LASER

GR-NL360-2E

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>10h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accuracy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C

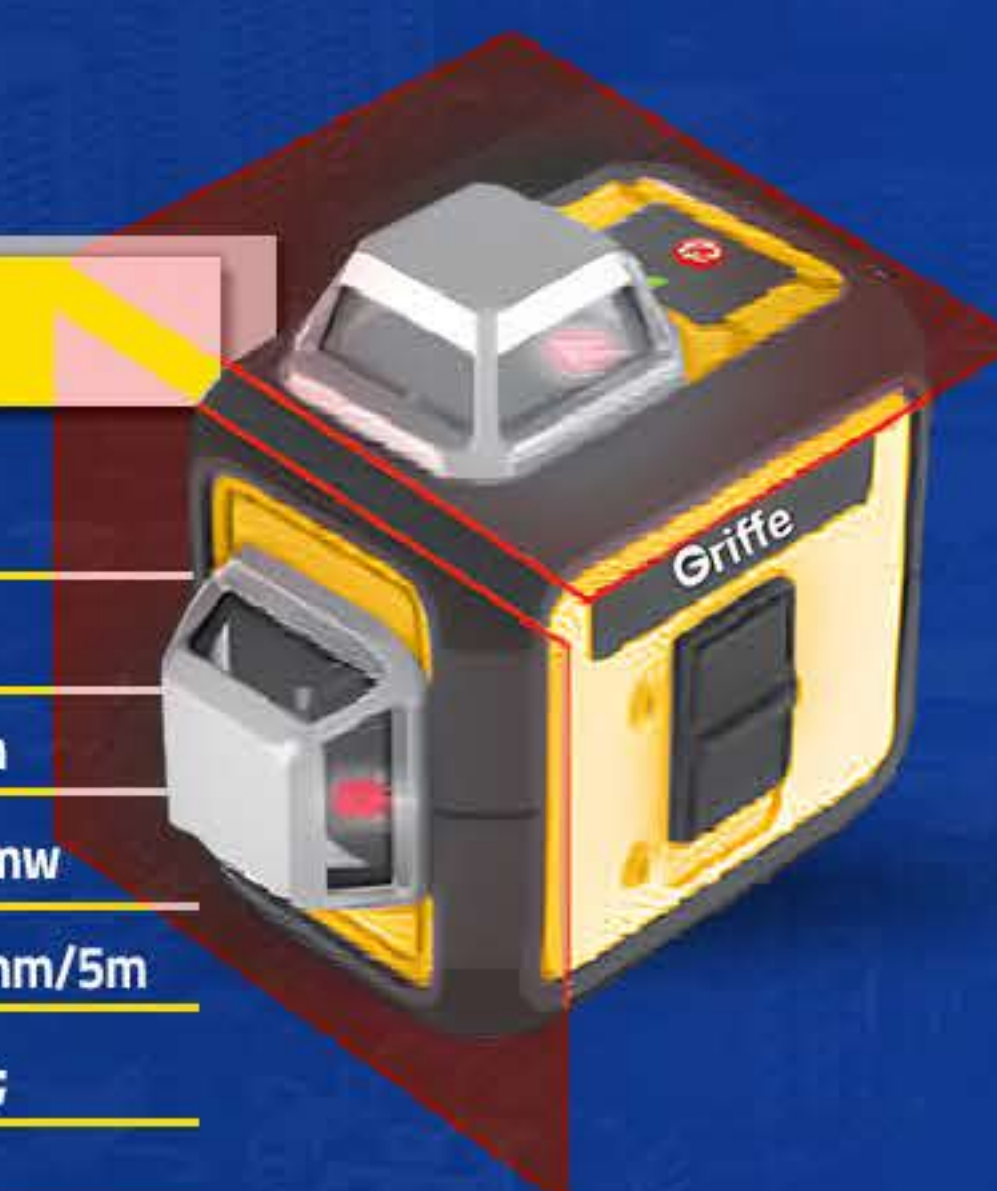


2/3-PIANE SELF LEVELING LASER

GR-NL360-2H

SPECIFICATIONS

Batteries :	2x 1.5V AA
Operating life Time:	>10h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu ra cy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C

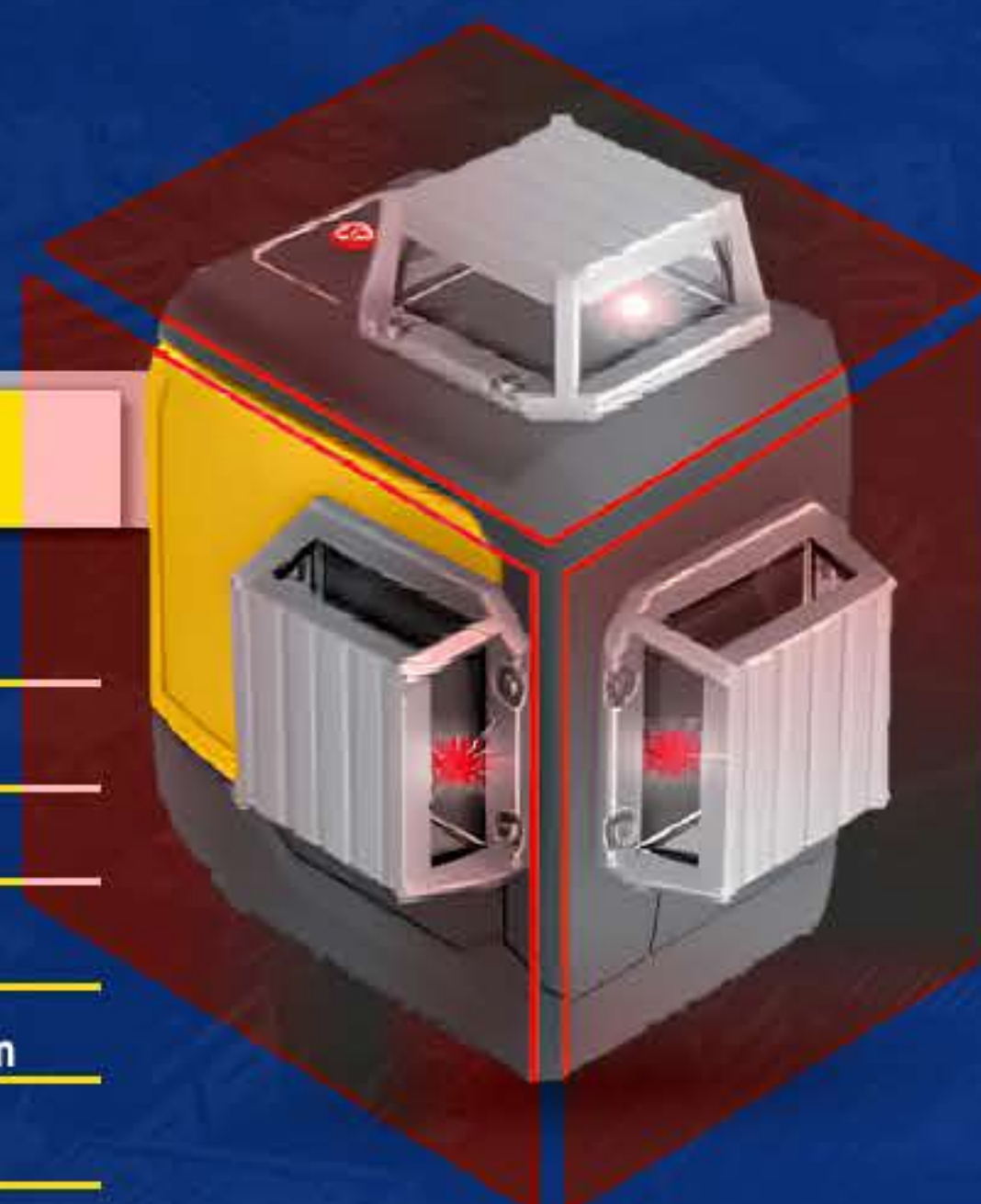


3-PLANE SELF LEVELING LASER

GR-NL360-3E

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>15h
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu racy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



2/3-PIANE SELF LEVELING LASER

GR-NL360-3H

SPECIFICATIONS

Batteries :	2x 1.5V AA
Operating life Time:	>10h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accu ra cy:	±0.5mm/m;
Self-Leveling Time:	<5s
Self-Leveling Range:	±4°
Working Range:	>10m
Operating Temperature:	0°C~40°C



LASER DISTANCE MEASUREMENT

GR-NLT 01

SPECIFICATIONS

Batteries: 2x 1.5V AAA

Operating life Time: >5000 times

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Accuracy: $\pm 3\text{mm/m}$;

Working Range: <100m

Operating Temperature: 0°C-40°C



SELF-LEVELING 360 CROSS LASER

GR-NL360-1K

SPECIFICATIONS

Batteries: 4x 1.5V AA

Operating life Time : >20h

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Laser line width : 100LUX, 3mm/5m

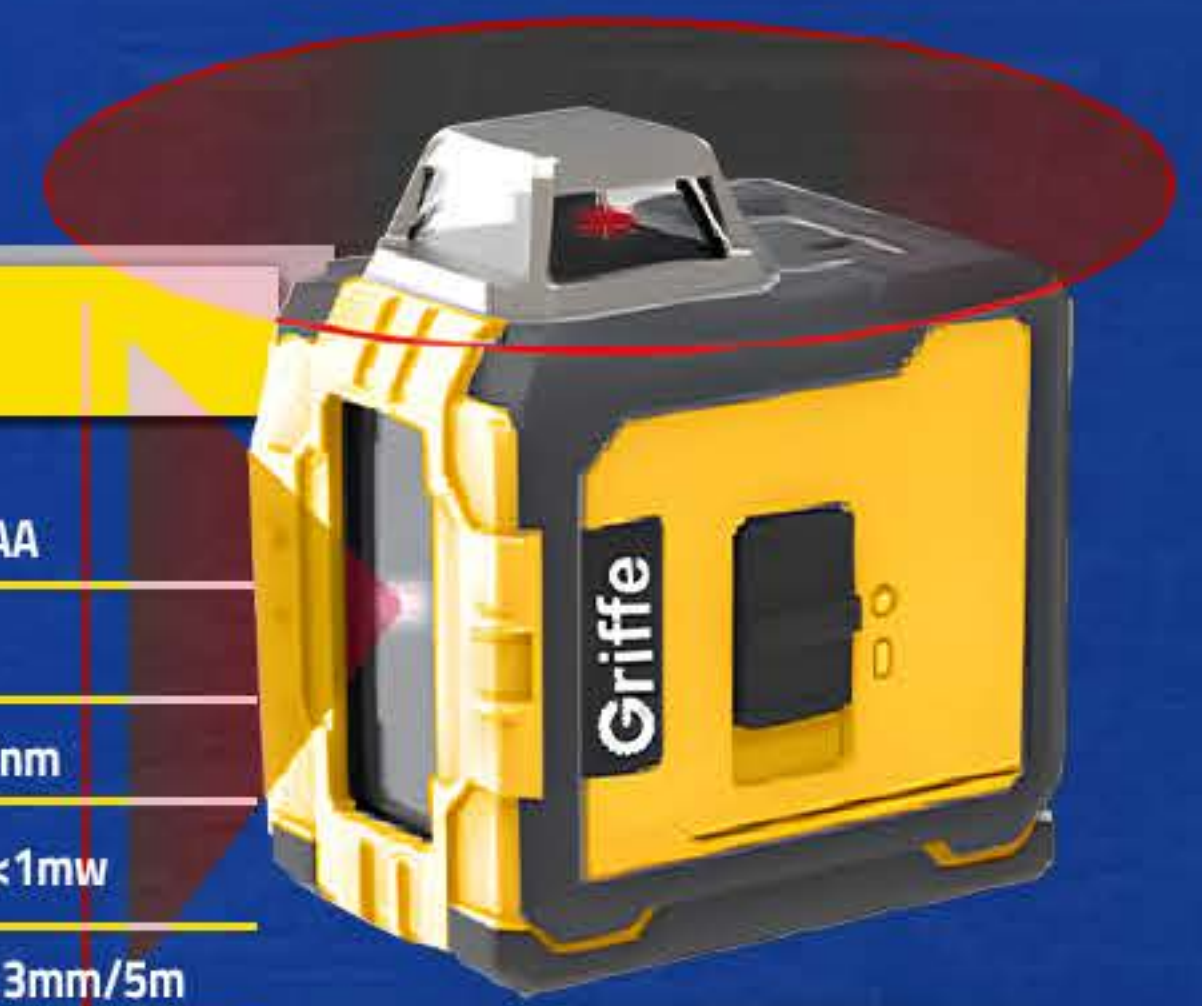
Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m Dia.

Operating Temperature: 0°C-40°C



LASER DISTANCE MEASUREMENT

GR-NLT 04

SPECIFICATIONS

Batteries: 2x 1.5V AAA

Operating life Time: >5000 times

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Accuracy: $\pm 3\text{mm/m}$;

Working Range: <100m

Operating Temperature: 0°C-40°C



2/3-PLANE SELF-LEVELING LASER

GR-NL360-2K

SPECIFICATIONS

Batteries: 2x 1.5V AAA

Operating life Time: >10h

Laser Wave Length : 630-650nm

Laser Power Class: Class II, <1mw

Laser line width: 100LUX, 3mm/5m

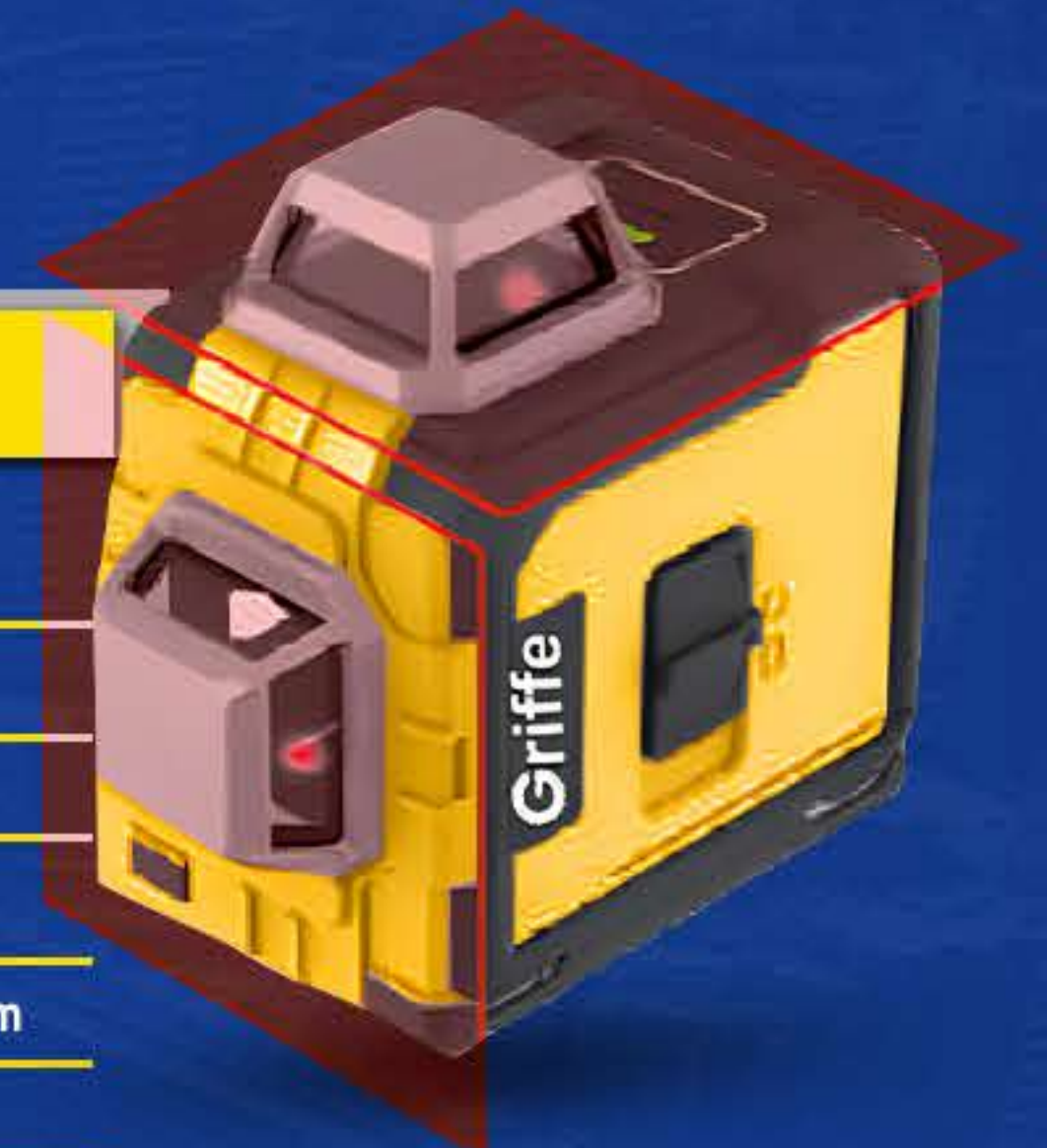
Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m

Operating Temperature: 0°C-40°C



LASER DISTANCE MEASUREMENT

GR-NLT 07

SPECIFICATIONS

Batteries: 2x 1.5V AAA

Operating life Time: >5000 times

Laser Wave Length: 630-650nm

Laser Power Class: Class II, <1mw

Accuracy: $\pm 3\text{mm/m}$;

Working Range: <100m

Operating Temperature: 0°C-40°C



2/3-PLANE SELF-LEVELING LASER

GR-NL360-3K

SPECIFICATIONS

Batteries: 2x 1.5V AAA

Operating life Time: >15h

Laser Wave Length : 630-650nm

Laser Power Class: Class II, <1mw

Laser line width: 100LUX, 3mm/5m

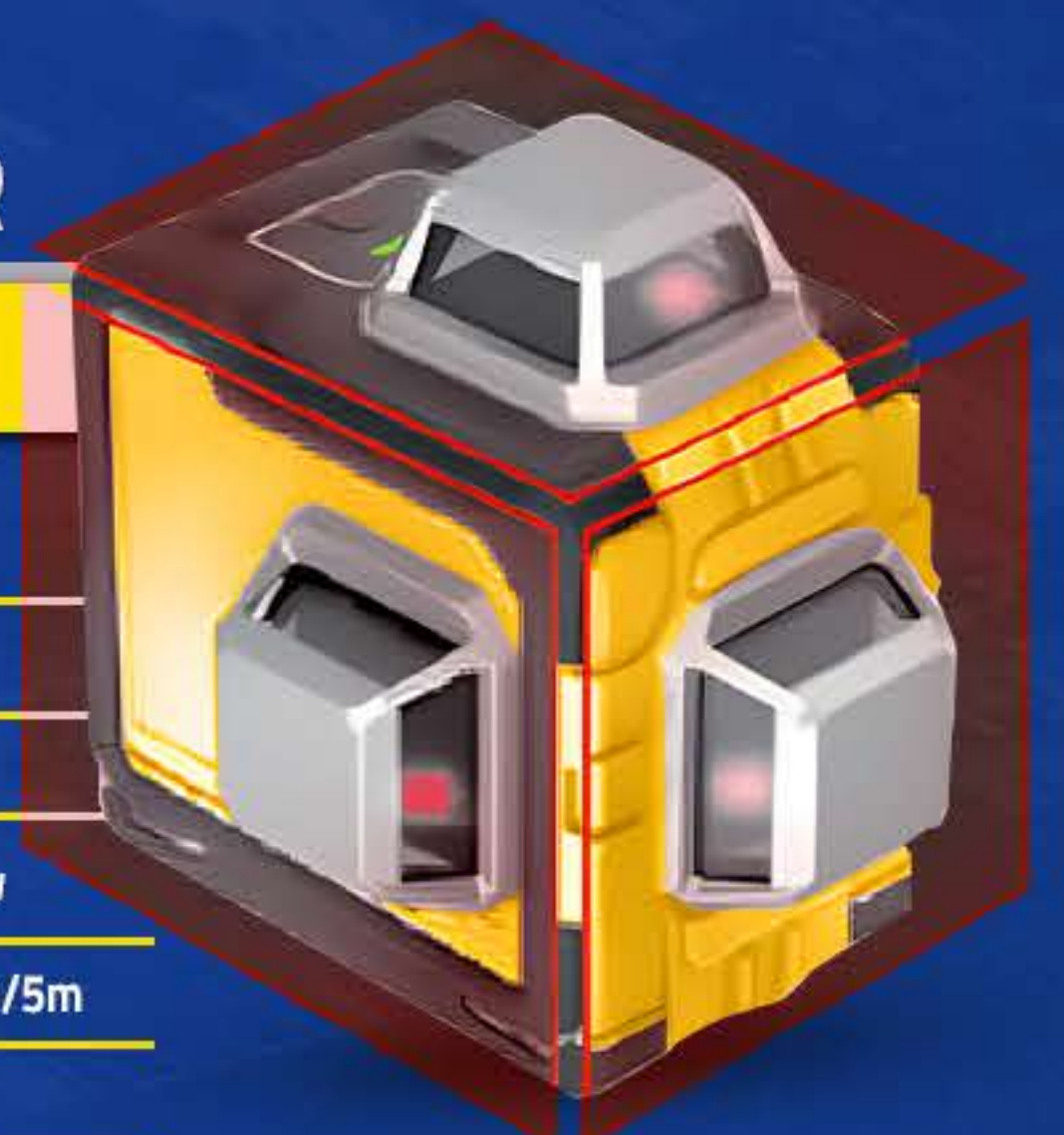
Accuracy: $\pm 0.5\text{mm/m}$;

Self-Leveling Time: <5s

Self-Leveling Range: $\pm 4^\circ$

Working Range: >10m

Operating Temperature: 0°C-40°C



LASER DISTANCE MEASUREMENT

GR-NLT02

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>5000 times
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Accuracy:	±3mm/m;
Working Range:	<40m
Operating Temperature:	00e400c



GREEN LASERS

Remark: All red lasers can be changed to green lasers



LASER DISTANCE MEASUREMENT

GR-NLT05

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>5000 times
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Accuracy:	±3mm/m;
Working Range:	<40m
Operating Temperature:	00e400c



GREEN LASERS

Remark: All red lasers can be changed to green lasers



LASER DISTANCE MEASUREMENT

GR-NLT06

SPECIFICATIONS

Batteries:	2x 1.5V AAA
Operating life Time:	>5000 times
Laser Wave Length :	630-650nm
Laser Power Class:	Class II, <1mw
Accuracy:	±3mm/m;
Working Range:	<40m
Operating Temperature:	00e400c



GREEN LASERS

Remark: All red lasers can be changed to green lasers



TRIPOD



GR-LA01 (1.1m)

TRIPOD



GR-LA02 (1.3m)

GR-TRIPOD



GR-LA03 (1.5m)

EXTENSION ROD



GR-LA07

ROTARY LASER

GR-NLR01

SPECIFICATIONS

Batteries:	4x 1.5V AAA
Operating life Time:	>15h
Laser Wave Length:	630-650nm
Laser Power Class:	Class II, <1mw
Laser line width:	100LUX, 3mm/5m
Accuracy:	±0.1mm/m;
Rotational Speed:	0/150/300/600rpm
Leveling Duration:	<30s
Self-Leveling Range:	±4.6°
Working Range:	>60m Dia.
Operating Temperature:	0°C~40°C



ACCESSORIES



GR- LA04

ACCESSORIES



GR-LA05

GR-NLT05



GR-LA09

GR-ACCESSORIES



GR-LA11

GR-ACCESSORIES



GR-LA11

ACCESSORIES



GR-LA 12

ACCESSORIES



GR-LA 14

ACCESSORIES



GR-LA 15

ACCESSORIES



GR-LA 16

ACCESSORIES



GR-LA 13



PORTABLE POWER STATION

GR-AC300

SPECIFICATIONS

Spec.:	Input:	Output:
Capacity: 240Wh(16V,15Ah)	AC Input: 240W Max.	AC Output: Pure Sine Wave, 300W Max. Continuous, 600W Surge (Total)
LFP	Solar Input(MPPT): 12-30V,8A 120W Max	USB-A:2PCS,QC3.0 18W Max.
Cycle Life: 2000 Cycles, ≥80%	Car Port Input: 12V24V, 8A 120W Max.	Type-C:2PCS (100W and 30W)
LED Light: 100%, 50%, SOS		DC5521 Output: 2PCS, 13.6V,3A,40 Max. (Per Port)
UPS Function		Car Port Output: 1PC, 13.6V,8.8A,120W Max.
Constant power output function of resistive load		(Car Port Output +2*DC5521 Output:140W Max. Total)
		Wireless Charging: 15W Max. (optional item)



PORTABLE POWER STATION

GR-AC300

SPECIFICATIONS

Spec.:	Input:	Output:
Capacity: 576Wh(19.2V,30Ah)	ACInput:240WMax.	AC Output: Pure Sine Wave, 600W Max. Continuous, 1200W Surge (Total)
LFP	Solarinput(MPPT): 12-30V, 8A120WMax	USB-A:2PCS,QC3.0 18W Max.
Cycle Life: 2000 Cycles, ≥80%	CarPortInput:12V24V, 8A120WMax.	Type-C:2PCS (100W and 30W)
LED Light: 100%, 50%, SOS		DC5521 Output: 2PCS, 13.6V, 3A, 36W Max. (Per Port)
UPS Function		Car Port Output: 1PC, 13.6V, 8.8A,120W Max.
Constant power output function of resistive load		(Car Port Output +2*DC5521 Output:140W Max. Total)
		Wireless Charging: 15W Max. (optional item)





PORTABLE POWER STATION

PORTABLE POWER STATION

GR-AC1200

SPECIFICATIONS

Spec.:	Input:	Output:
Capacity:1152Wh(25.6V,45Ah)	ACInput:800WMax.	ACOutput:PureSineWave, 1200WMax.Continuous, 2400WSurge(Total)
LFP	SolarInput(MPPT):12-75V, 12A400WMax	Type-C:2PCS(100W2pcs)
CycleLife:2000Cycles, ≥80%	CarPortInput:12V/24V,8.5A200WMax.	USB-A:2PCS,QC3.018WMax.
UPSFunction		USB-A:2PCS,5V2.4A
Constantpoweroutputfunctionofresistiveload		DC5521Output:2PCS, 13.6V, 3A, 36WMax.(PerPort)
BalconyPhotovoltaic		CarPortOutput:1PC, 13.6V,8.8A,120WMax.
Nightmode		(CarPortOutput+2*DC5521Output:140WMax.Total)
ACparallel (optionalitem)		Wireless Charging:15WMax. (optionalitem)
Intelligentgeneratorcharging (intelligentstartandstop) (optionalitem)		



PORTABLE POWER STATION

GR-AC1800

SPECIFICATIONS

Spec.:	Input:	Output:
Capacity: 1152Wh	AC Input: 800W Max.	AC Output: Pure Sine Wave, 1800W Max. Continuous, 3600W Surge (Total)
LFP	Solar Input(MPPT): 12-75V,12A 400W Max	USB-A:2PCS,5V 2.4A
Cycle Life: 2000 Cycles, ≥80%	Car Port Input: 12V/24V, 8.5A 200W Max.	USB-A:2PCS,QC3.0 18W Max.
UPS Function		Type-C:2PCS (100W)
Constant power output function of resistive load		DC5521 Output: 2PCS, 13.6V, 3A,36W Max. (Per Port)
Night mode		Car Port Output: 1PC, 13.6V, 8.8A,120W Max.
AC parallel (optional item)		(Car Port Output +2*DC5521 Output:140W Max. Total)
Oil electric hybrid (optional item)		Wireless Charging: 15W Max. (optional item)



CAR JUMPSTARTER

GR-J10000

SPECIFICATIONS

Spec.:	Input:	Output:
Capacity: 576Wh(19.2V,30Ah)	ACInput:240WMax.	AC Output: Pure Sine Wave, 600W Max. Continuous, 1200W Surge (Total)
LFP	Solarinput(MPPT): 12-30V, 8A120WMax	USB-A:2PCS,QC3.0 18W Max.
Cycle Life: 2000 Cycles, ≥80%	CarPortInput:12V24V, 8A120WMax.	Type-C:2PCS (100W and 30W)
LED Light: 100%, 50%, SOS		DC5521 Output: 2PCS, 13.6V, 3A, 36W Max. (Per Port)
UPS Function		Car Port Output: 1PC, 13.6V, 8.8A,120W Max.
Constant power output function of resistive load		(Car Port Output +2*DC5521 Output:140W Max. Total)
		Wireless Charging: 15W Max. (optional item)



MINI VACUUM CLEANER (CAR MOUNTED VACUUM CLEANER

GR-C5400		
SPECIFICATIONS		
Spec.:	Input:	Output:
Capacity: 1152Wh	AC Input: 800W Max.	AC Output: Pure Sine Wave, 1800W Max. Continuous, 3600W Surge (Total)
LFP	Solar Input(MPPT): 12-75V,12A 400W Max	USB-A:2PCS,5V 2.4A
Cycle Life: 2000 Cycles, ≥80%	Car Port Input: 12V/24V, 8.5A 200W Max.	USB-A:2PCS,QC3.0 18W Max.
UPS Function		Type-C:2PCS (100W)
Constant power output function of resistive load		DC5521 Output: 2PCS, 13.6V, 3A, 36W Max. (Per Port)
Night mode		Car Port Output: 1PC, 13.6V,8.8A,120W Max.
AC parallel (optional item)		(Car Port Output +2*DC5521 Output:140W Max.Total)
Oil electric hybrid (optional item)		Wireless Charging: 15W Max. (optional item)



POWER STATION

GR-300W	
SPECIFICATIONS	
Built in battery capacity (Wh)	288Wh
Built in battery specifications	5S1P
Number of AC output ports	2pcs
AC output power	300W/peak value600W
Quantity of Type-C	2pcs
Type-C output power	100W+30W
USB-A quantity	2pcs
USB-A output power	QC 3.018W +5V2.4A
AC charging power	>250W
DC/PV charging power	DC 120W/PV120W
LED lighting fixtures	yes
Number of interfaces for tool battery pack	4pcs



POWER STATION

GR-300W

SPECIFICATIONS

Built in battery capacity (Wh)	288Wh
Built in battery specifications	5S1P
Number of AC output ports	2pcs
AC output power	600W/peak value600W
Quantity of Type-C	2pcs
Type-C output power	100W+30W
USB-A quantity	2pcs
USB-A output power	QC 3.018W +5V2.4A
AC charging power	>500W
DC/PV charging power	DC 120W/PV120W
LED lighting fixtures	yes
Number of interfaces for tool battery pack	4pcs



INVERTER (CAR)- 150/200W

GR-C150

SPECIFICATIONS

DC in put: 12v-15V
AC output:150W
USB *2pcs
Type-c output: PD3.0 30w*2PCS
Digital display screen
AC output indicator light
USB output indicator light
Vehicle voltage monitoring function
Multiple security protection



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