

# dartek

THE CORDLESS PIONEER



**POWERFUL  
AND DURABLE  
RAPID CHARGING**

Founded in 2012, Dartek has become a world-renowned power tools brand of power tools. Its market ranks first in China and its 12V, 16V and 20V products have been widely recognized by customers in fields of construction, decoration, road and manufacturing after years of development.

Considering the urgent needs of power tools working under continuous heavy-load and harsh working conditions, Dartek has finally launched the 40V lithium battery platform for new power tools with dedicated research and innovation and numerous products performance tests in different scenes and regions. The new 40 V cordless tools are of outstanding and excellent performance with SECCT (Smart Efficient and Cooling Charging Technology) that enables batteries to be charged quickly from 0 to 80 % within 10 minutes. Dartek 40 V power tools have been the ideal alternative to AC tools.



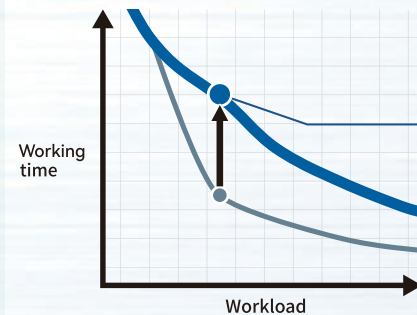




POWERFUL  
AND DURABLE  
RAPID CHARGING

## 40V INTELLIGENT POWER SUPPLY SYSTEM

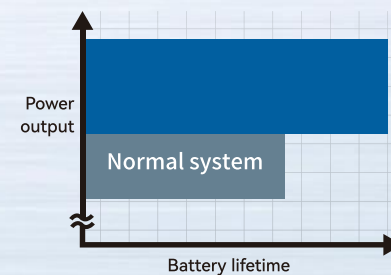
Rapidly improve power tool efficiency  
to extend heavy duty working time



Working time at  
high workload  
**UP 2.2 times**  
\*data only for reference

■ 40V intelligent power supply system  
■ Normal system

Increase battery lifetime even with  
continuous heavy duty work



Battery lifetime  
**UP 20 about %**  
\*data only for reference

\*data only for reference

## HEAVY DUTY AND DURABLE

Specific high durable structure designed for 40V max  
lithium-ion battery

Impact  
resistance  
**UP 40 about**  
\*data only for reference

High rigidity battery rail

Larger connecting terminal surface  
to prevent over-heating

Waterproof multi-layer structure  
prevents water and dust

Nickle plate with  
anti-wear structure

Nickle plate

Insulation paper

Secuer 4-screws bracket



Shock-resistant rubber base design

Dumping blocks

**ETB**

With dedicated research, the Dartek ETB technology is developed on the base of the lithium battery technology. It is an efficient and power-saving technology controlled by the program algorithm of the lithium battery protection board chip, making lithium batteries more durable.

### 40V MAX battery



**2.0Ah**  
**BP4020**



**4.0Ah**  
**BP4040H**



**4.0Ah**  
**BP4040P**

### 40V MAX charger



**40V 2A**  
**DC40-80S**



**40V 4A**  
**DC40-160S**

#### Charging Time

	40V MAX battery	DC40-80S	DC40-160S
BP4020		60min.	30min.
BP4040H		120min.	60min.



# 40V MAX Intelligent Charging System

40V MAX  
Intelligent charging system



Balance cooling



Fast charging

General charging technology

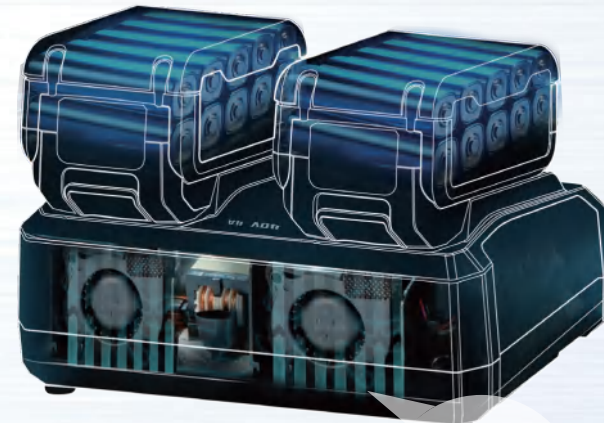


Natural heat dissipation



Slow charging

**VS**



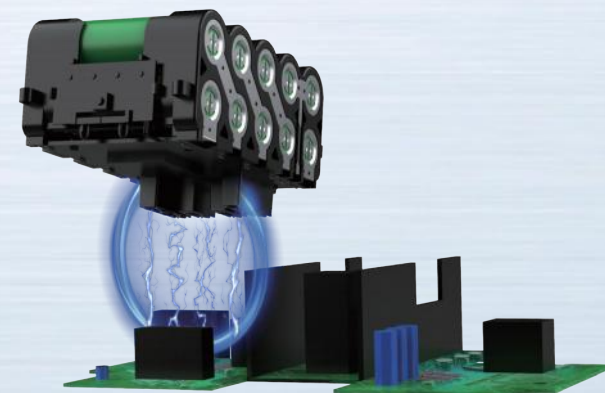
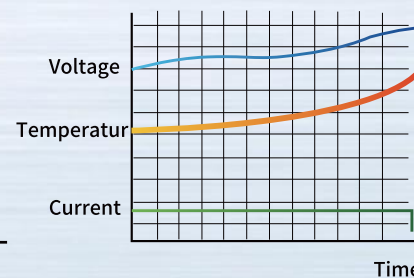
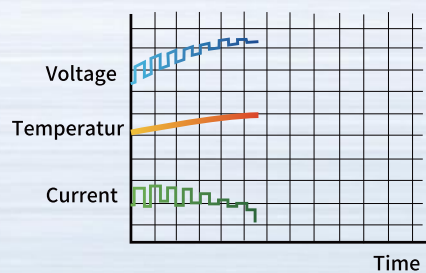
DC40-160S

Built-in fan



40V MAX  
Intelligent charging system

General charging technology



Circulate air through the battery both before starting charging and during charging to cool the battery for faster charging.

**POWERFUL  
AND DURABLE  
RAPID CHARGING**







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RAPID CHARGING

CORDLESS TOOLS

Cordless Impact Wrench  
40-400「solo」

40v BL MOTOR



400N·m



- Features
- 1. High-Efficiency brushless motor provides reliable power output
  - 2. 2 speed gears for increased efficiency
  - 3. Reinforced gear housing engineered for maximum job site durability

Accessories & Packaging

Hook, Screwdriver Adapter, Sleeve, Cylindrical Pin + Spring (Assembly), Product Manual, Color Box

Battery	40V
Rated Power Output	530 W
Standard Bolt Size	M6-M16
Square Drive Size	12.7 mm (1/2")
No-load Speed	0-2500 r/min
Impact Rate	0-3600 ipm
Max. Fastening Torque	400 N·m
Max Nut-busting Torque	600 N·m
Net Weight	1.1 kg



Cordless Impact Wrench  
40-600「solo」

40v BL MOTOR



600N·m



- Features
- 1. High-Efficiency brushless motor provides reliable power output
  - 2. 3 forward and 3 reverse auto-stop modes for increased efficiency
  - 3. Reinforced gear housing engineered for maximum job site durability

Accessories & Packaging

Sleeve, Hook, Cylindrical Pin + Spring (Assembly), Product Manual, Color Box

Battery	40V
Rated Power Output	630W
Standard Bolt Size	M12-M22
Square Drive Size	12.7 mm (1/2")
No-load Speed	0-1200/1800/2400 r/min
Impact Rate	0-1000/2400/3200 ipm
Max. Fastening Torque	600 N·m
Max Nut-busting Torque	900 N·m
Net Weight	1.3 kg



Cordless Impact Wrench  
40-960「solo」

40v BL MOTOR



960N·m



- Features
- 1. Decoupled anti-vibration mechanism
  - 2. 3 speed selection & quto mode
  - 3. Housing cover with impact and heat-resistant design

Accessories & Packaging

Product Manual, Color Box

Battery	40V
Rated Power Output	800W
Standard Bolt Size	M12-M24
Square Drive Size	12.7 mm (1/2")
No-load Speed	0-2000 r/min
Max. Fastening Torque	960 N·m
Max Nut-busting Torque	1100 N·m
Net Weight	2.0 kg





Cordless Impact Wrench

40-1800「solo」



1800N·m



Features

1. Decoupled anti-vibration mechanism
2. 3 speed selection & quto modes
3. Housing cover with impact and heat-resistant design

Accessories & Packaging

Shoulder Straps,Product Manual,Color Box

Battery	40 V
Rated Power Output	1000 W
Standard Bolt Size	M12-M36
Square Drive Size	19 mm (3/4" )
No-load Speed	0-900/1000/1700 r/min
Impact Rate	0-1800/2000/2400 ipm
Max. Fastening Torque	1800 N·m
Max Nut-busting Torque	2100 N·m
Net Weight	3.2 kg

Cordless Driver Drill

40-65「solo」



65N·m



Features

1. Compact boy design ideal for tight place
2. Durable 13 mm metal rathet chuck
3. 20+1 torque settings for various materials and applications

Accessories & Packaging

Hook,Product Manual,Color Box

Battery	40 V
Rated Power Output	760 W
No-load Speed	0-500/2000 rpm
Chuck Size	13 mm
Max Torque	65 N·m
Torque Setting	20+1
Max. Drilling Capacity Steel	φ 13 mm
Wood	φ 38 mm
Net Weight	1.0 kg



Cordless Impact Drill

40-65i「solo」



65N·m



Features

1. Compact body ideal for tight place
2. Durable 13 mm metal rathet chuck
3. 20+2 torque settings for various materials and applications

Accessories & Packaging

Hook,Product Manual,Color Box

Battery	40 V
Rated Power Output	760 W
No-load Speed	0-500/2000 rpm
Impact Rate	0-7500/30000 bpm
Chuck Size	13 mm
Max Torque	65 N·m
Torque Setting	20+2
Max. Drilling Capacity Steel	φ 13 mm
Brick	φ 13 mm
Wood	φ 38 mm
Net Weight	1.1 kg



Cordless Impact Driver

40-230「solo」



230N·m



Features

1. Torque control & auto-stop modes for precise operation
2. Quick-change bit allows single handed bit insertion for easy use
3. 123mm compact body design for better access in tight space

Accessories & Packaging

Hook,Product Manual,Color Box

Battery	40 V
Rated Power Output	650 W
Max. Torque	130/180/230 N·m
No-load Speed	0-1000/2000/3500 r/min
Impact Rate	0-1400/2600/3700 ipm
Bolt Size:	
Bolt	M4-M8(5/32"-5/16")
Standard Bolt	M5-M16(3/16"-5/8")
High-tensile Bolt	M5-M14(3/16"-9/16")
Net Weight	1.1 kg



Cordless Impact Drill

40-178i「solo」



178N·m



Features

1. 178N·m of max torque output
2. Built-in anti-twisting professional protection
3. Full metal chuck and reinforced aluminum gearbox

Accessories & Packaging

Side Handle,Belt Clip,Product Manual,Color Box

Battery	40 V
Rated Power Output	1500 W
Impact Rate	0-36000BPM
No-load Speed	2400 rpm
Chuck Size	13 mm
Max Torque	178 N·m
Torque Setting	20+2
Max. Drilling Capacity Steel	φ 13 mm
Brick	φ 16 mm
Wood	φ 68 mm
Net Weight	1.56 kg



Coming Soon



Cordless Angle Grinder

40-100「solo」



100mm

Features

1. Anti-kickback professional protection born for safety protection
2. Cylindrical body design for reliable positioning and durability
3. Patented magnetic air duct sucking debris lengthen the service life of the machine
4. Tool-free quick-change rotation wheel guard

Accessories & Packaging

Tool-free Adjustment Guard,Wrench,Side Handle,Product Manual,Color Box

Battery	40 V
Rated Power Output	1400 W
Max Wheel Dia.	φ100 mm
Hole Dia. Of Wheel	φ22 mm
Rated Speed	3500/6200/9500 r/min
Spindle Thread	M10
APP Function	✓
Tool-free Quick-change Rotation Wheel Guard	✓
Net Weight	1.3 kg



Cordless Angle Grinder

40-125「solo」



125mm

Features

1. Anti-kickback professional protection born for safety protection
2. Cylindrical body design for reliable positioning and durability
3. Patented magnetic air duct sucking debris lengthen the service life of the machine
4. Tool-free quick-change rotation wheel guard

Accessories & Packaging

Tool-free Adjustment Guard,Wrench,Side Handle,Product Manual,Color Box

Battery	40 V
Rated Power Output	1600 W
Max Wheel Dia.	φ125 mm
Hole Dia. Of Wheel	φ22 mm
Rated Speed	3500/6200/9500 r/min
Spindle Thread	M14
APP Function	✓
Tool-free Quick-change Rotation Wheel Guard	✓
Net Weight	1.5 kg



Cordless Circular Saw

40-153「solo」



153mm

Features

1. Fast cutting power due to powerful brushless motor
2. Flexible bevel cutting - Adjustable 0-45° angles for versatile applications
3. Deep and precise cuts - Maximum cutting depth of 55 mm to handle thick materials
4. Clean workspace - 360° dust discharge pipe keeps the cutting line clear

Accessories & Packaging

Dartek150x1.5x20x40T Alloy Circular Saw Blade, Allen Wrench, Guide Ruler Assembly,Product Manual,Color Box

Battery	40 V
Rated Power Output	1400 W
No-load Speed	6200 r/min
Blade Dia.	φ150 mm
Internal Bore Dia.	20 mm
Max.Cutting Depth	55 mm (0°)
Bevel Angle	0-45°
Net Weight	1.8 kg



COMB 01(40-100+40-22)



Cordless Angle Grinder	40-100
Battery	40 V
Rated Power Output	1400 W
Max Wheel Dia.	φ100 mm
Hole Dia. Of Wheel	φ22 mm
Rated Speed	3500/6200/9500 r/min
Spindle Thread	M10
APP Function	✓
Tool-free Quick-change Rotation Wheel Guard	✓
Net Weight	1.3 kg

Cordless Rotary Hammer	40-22
Battery	40 V
Rated Power Output	550 W
No-load Speed	0-1400 r/min
Impact Frequency	0-4500 bpm
Drilling Capacity	Concrete:22 mm
Rated Impact Energy	2.3 J
Chuck Type	SDS-Plus
Net Weight	1.8 kg

Features

1. 40V cordless combo kit provides a solution for all of your drilling, grinding & cutting needs
2. Powerful motor delivers outstanding performance
3. Compact and ergonomic design ensures comfort use

Accessories & Packaging

Battery Charger,Batteryx2,Auxiliary Handlex2, Tool-free Adjustment Guard,Wrench,Depth Gauge,Product Manual,Plastic Carrying Case

Cordless Rotary Hammer

40-22「solo」



22mm



Features

1. High-efficiency brushless motor
2. Powerful 2.3 J energy output cylinder
3. Mechanical and electronic clutches
4. Cylindrical shell protecting the motor

Accessories & Packaging

Auxiliary Handle,Depth Gauge,Product Manual,Color Box

Battery	40 V
Rated Power Output	550 W
No-load Speed	0-1400 r/min
Impact Frequency	0-4500 bpm
Drilling Capacity	Concrete:22 mm
Rated Impact Energy	2.3 J
Chuck Type	SDS-Plus
Net Weight	1.8 kg





Cordless Rotary Hammer

40-28「solo」

40vBL  
MOTOR

28mm



Features

- 1. Built-in APP smart e-clutch technology ensures safety operation
- 2. Dartek-built brushless motor provides 3.8 J impact energy
- 3. Decouples ant-vibration mechanism minimizes vibration for maximum comfort

Accessories & Packaging

Auxiliary Handle,Product Manual,Color Box

Battery	40 V
Rated Power Output	1050 W
No-load Speed	0-1050 r/min
Impact Frequency	0-5100 bpm
Drilling Capacity	Concrete:28 mm
Rated Impact Energy	3.8 J
Chuck Type	SDS-Plus
Net Weight	3.1 kg



Cordless Reciprocating Saw

40-32「solo」

40vBL  
MOTOR

32mm



Coming Soon

- Features
- 1. 2-speed brushless motor delivers 0-2300 (Low) and 0-2800 (High) strokes per minute
  - 2. Refined crank mechanism design minimizes blade deflection and reduces vibration
  - 3. "Tool-less" blade change system allows for faster blade installation and removal

Accessories & Packaging

Wood Sawblade, Metal Sawblade, Product Manual,Color Box

Battery	40 V
Rated Power Output	800W
Operating frequency	0-2300 spm (in position 1) 0-3000 spm (in position 2)
Stroke length	32mm
Cutting capacity	Roundwood : 300mm Steel Tube: 60mm
Net Weight	2.8kg



Cordless Jobsite Blower

40-215「solo」

40vBL  
MOTOR

215m/s



Features

- 1. Delivers up to 215 m/s of powerful blowing
- 2. Tool-free nozzle replacement saves time on the jobsite
- 3. Equipped with 5 interchangeable nozzles for different tasks

Accessories & Packaging

9.5mm Nozzle, 13.5mm Nozzle, Pinch Valve Nozzle, Long Nozzle, HEPA Filter, Hose Set, Suction Cup, Product Manual,Color Box

Battery	40 V
Rated Power Output	300 W
Max. wind Speed	215 m/s
Max. air Volume	1.1 m³/min
Power	300 W
Blowing Force	0-3.2 N
Max. air Pressure	29.7 kPa
Net Weight	0.6 kg



Coming Soon

Cordless Jig Saw

40-135「solo」

40vBL  
MOTOR

135mm



Coming Soon

- Features
- 1. High-efficiency brushless motor for powerful and reliable performance
  - 2. 3 blade orbital motions for versatile cutting applications
  - 3. 5-speed adjustment trigger for precise control
  - 4. Tool-free quick change blade system for maximum convenience
  - 5. Accurate cutting across a wide range of materials

Accessories & Packaging

Wood Sawblade,Metal Sawblade,Transparent Protection Cover, Baseplate Protection Cover,Debris Pressure Plate, Dust Collection Tube, Product Manual,Color Box

Battery	40V
Rated Power Output	600W
Operating Frequency	800-3000spm
Stroke Length	26mm
Cutting Angle	±45°
Cutting Capacity	20mm(Aluminium) 135mm (Wood) 10mm (Steel)
Net Weight	2.3kg



Cordless Reciprocating Saw

40-26「solo」

40vBL  
MOTOR

26mm



Features

- 1. Powerful brushless motor
- 2. Low vibration design to ease user fatigue
- 3. Tool-free quick change blade for easy operation

Accessories & Packaging

6-inch Metal Sawblade (14 TPI), 6-inch Wood Sawblade (6 TPI), Product Manual,Color Box

Battery	40 V
Rated Power Output	600 W
Stroke Length	26 mm
Operating Frequency	0-1600 spm (in position 1) 0-3100 spm (in position 2)
Cutting Capacity	Roundwood : 200mm Steel: 22mm
Net Weight	1.65kg



Coming Soon

Cordless Trimmer

40-635「solo」

40vBL  
MOTOR

6.35mm



Coming Soon

- Features
- 1. Anti-drop and auto shut-off safety system
  - 2. Millimeter-level adjustable scale for finer engraving
  - 3. 5 speed settings for various conditions
  - 4. Constant speed control preventing bit jamming
  - 5. Aluminum body and base for durability

Accessories & Packaging

13mm Wrench,22mm Wrench,Dust Collection Cover,Linear Guide bar, Allen Wrench,Socket Wrench,Square Baseplate,Dust-proof Cover, Router Template Guide, Guiding Ruler,Product Manual,Color Box

Battery	40 V
Rated Power Output	900 W
Chuck Size	6.35 mm (1/4")
No Load Speed	10000-30000 r/min
Milling Capacity	0-40 mm
Net Weight	1.3 kg





**40v**  
LI-ION/MAX  
High-Energy Lithium

**POWERFUL  
AND DURABLE  
RAPID CHARGING**

**Cordless Fan**

40-406「solo」

40v BL MOTOR



**Coming Soon**

**Features**

1. High-efficiency brushless motor
2. Shock absorbers for reduciing noise
3. 120° adjustable tilt for directing airflow
4. Metal housing and blades
5. Suitable for cooling and ventilating in large areas

**Accessories & Packaging**

Product Manual,Color Box

Battery	40 V
Rated Power Output	36 W
Max. wind Speed	64 m/s(16.55MPH)
Max. air Volume	56 m³/min(2000 CFM)
Wind Leaf Size	φ400 mm
Net Weight	3.1 kg



**Cordless Led Work Light**

40-21L「solo」

40v



**2000Lm**

**Features**

1. 2 lighting control gears
2. 21 W low power consumption
3. 2000 LM strong light brightness
4. USB output interface

**Accessories & Packaging**

Product Manual,Color Box

Battery	40V
Rated Power Output	21 W
Brightness	Low:1000 lm High:2000 lm
Color Temperature	6500 K
Net Weight	0.4 kg



# Cordless Chain Saw

40-405「solo」



**ETB**

**SECCT**

**D-FOC**

**D-FOC**

Equipped with the innovative D-FOC(Dynamic Field-overlaid Oriented Control) technology, the chainsaw delivers greater power output.

**45CC**

High-performance 40V lithium-ion battery platform, with 4.0Ah and 8.0Ah battery packs available.

**25m/s**

Cuts through a 20cm-diameter pine tree in just 4.62 seconds.

**IPX4**

IPX4 waterproof protection, fareless of operation in the rain.

**8.0Ah**

8.0Ah high-capacity battery with SECCT(Smart Efficient and Cooling Charging Technology) : fast charge and discharge, longer service life and stronger power output.

**Coming Soon**

**25m/s**



**Professional Industrial Quality**

Core compnents made of specially formulated materials: metal motor bracket, metal middle cover, and reinforced nylon casing, grip and barake baffle for superior impact resistance even at -20°C

Battery	40 V
Rated Power Output	2200 W
Chain Bar Length	16"
Chain Saw Speed	25 m/s
Net Weight	4.7 kg

**Accessories & Packaging**

Guide Plate,Chainsaw Chain,Screwdriver with Socket,Oil Pot, Product Manual,Color Box

**Lithium Battery  
40V801**

**Coming Soon**



1. ETB (Efficient-tech battery) platform for superior performance
2. Solid quality and outstandng durability in harsh jobsite conditions
3. Premium battery cells ensure reliable performance

Battery Model	40V801
Rated Voltage	40 V
Battery Capacity	8.0Ah
Cell Type	21700



Lithium Battery

BP4020

40v



Features

1. ETB (Efficient-tech battery) platform for superior performance

2. Solid quality and  outsanding durability in harsh jobsite conditions

3. Premium battery cells ensure reliable performance

Accessories & Packaging

Product Manual,Color Box



Battery Model

BP4020

Rated Voltage

40 V

Battery Capacity

2.0 Ah

Cell Type

18650

Lithium Battery Charger

DC40-4080K

40v



Coming Soon

Features

1. 100 W input power for efficient performance

2. Applicable to all 40 V  batteries

3. Comprehensive protection for longer batteries service life

Accessories & Packaging

Product Manual,Color Box



Battery Model

40V Battery

Rated Voltage

40V

Output Current

2.0A

Input Voltage(V/Hz)

110-240/50-60

Input Power

100W

Applicable Battery Pack Series

40V Full Range

Lithium Battery

BP4040H

40v



Features

1. ETB (Efficient-tech battery) platform for superior performance

2. Solid quality and  outsanding durability in harsh jobsite conditions

3. Premium battery cells ensure reliable performance

Accessories & Packaging

Product Manual,Color Box



Battery Model

BP4040H

Rated Voltage

40 V

Battery Capacity

4.0 Ah

Cell Type

21700

Lithium Battery Charger

DC40-80S

40v



Features

1. 100 W input power dual-port charger

2. Intelligent quick charging system

3. Comprehensive safety protection for secure use

Accessories & Packaging

Product Manual,Color Box



Battery Model

40V Battery

Rated Voltage

40V

Output Current

2.0A

Input Voltage(V/Hz)

200-240/50-60

Input Power

100W

Applicable Battery Pack Series

40V Full Range

Lithium Battery

BP4040P

40v



Coming Soon

Features

1. Revolutionary tabless cell technology ensures higher power output and longer lifetime of the battery

2. All-around performance grade for versatile and heavy-duty applications

3. Large vent design for quick heat dissipation

4. Shockproof and drop-resistant rubber strips

5. Compatible with all 40 V tools

Accessories & Packaging

Product Manual,Color Box



Battery Model

BP4040P

Rated Voltage

40 V

Cell Type

tabless cell

Lithium Battery Charger

DC40-160S

40v



Features

1. 200 W input power dual-port charger

2. Triple built-in cooling fans

3. Intelligent quick charging system

3. Comprehensive safety protection for secure use

Accessories & Packaging

Product Manual,Color Box



Battery Model

40V Battery

Rated Voltage

40V

Output Current

4.0A

Input Voltage(V/Hz)

200-240/50-60

Input Power

200W

Applicable Battery Pack Series

40V Full Range