

PowerRoller Traveller



- IceVortex Battery replacement Technology
The self-developed plug-and-play design makes battery replacement as easy as playing with LEGO.
- "SURGE" the ultra-fast external charge, self-developed ApolloGrid TsunamiCharge™ technology, delivering a full output power up to 10kW.
- Featuring fluid dynamic-inspired design with related IP65 (dust-tight and protected against low-pressure water jets)

PowerRoller Traveller

Model	PowerRoller Traveller
PV Input	
Maximum PV Input Power	500Wp
Maximum Input Voltage	60V
MPPT Voltage Range	16V ~ 60V
Number of MPPTs / Strings per MPPT	1/1
Maximum Input Current per MPPT	20A
Maximum Short-Circuit Current per MPPT	25A
DC Side	
Rated Input Voltage	25.6V
Voltage Range	20~28.8V
Maximum Charging Current	60A
Rated Discharging Current	80A
AC Side	
Rated Output Power	2000W (at rated voltage)
Output Overload Power	2200W (battery voltage ≥28V, 2min duration)
Output Overcurrent Protection Threshold	15A
Rated Output Voltage	220/230V
Output Frequency	50/60Hz
Other Specifications	
Exterior Color	Silver UV coating + PANTONE 426C
Dimensions (L × W × H) (mm)	306*310*552
Weight (Excluding Battery)	<13kg
Operating Temperature Range	-20°C ~ +40°C
Storage Temperature Range	-40°C ~ +60°C
Maximum Relative Humidity	95%
Protection Rating (per IEC 60529)	IP65
Maximum Operating Altitude	3000 M
AC Switch Type (Push-Button)	Non-latching, momentary press to toggle
Work Light Switch	3-level mode, momentary press to switch
Work Light SOS Mode	The SOS signal consists of: 3 short flashes (200ms) † 3 long flashes (200ms) † 3 short flashes (200ms)
	• Intra-group interval: 200ms
	• Inter-letter interval: 600ms
Charging Port	• Full-cycle delay: 1.4s before repetition
	Type-Cx2: 5V/9/12/15/20V, 140W max. per port Type-Ax2: 5V/2.4A 9V/2A 12V/1.5A, 18W max. power
Cigarette Lighter Socket	12.6V/10A, max. power 126W
Cooling Method	Forced air cooling
Noise Emission	≤40dB