

PORTABLE CHARGING STATION

REM POWER PBE_m 5001E

Order Nr.: 39050010808

EAN Code: 3831081007186

Overload
ProtectionSmart Air
CoolingTemperature
ControlShort-Circuit
ProtectionOver-discharge
ProtectionSmart
Management

PBE_m 5001E is equipped with:

- LiFePO₄ battery with a capacity of 5040 Wh
- Outputs for charging multiple devices simultaneously
- Durable steel housing, large wheels, and a telescopic handle
- IP54 waterproof protection
- Advanced BMS system
- HD LCD display
- Quiet operation (only 50 dB)
- Portable design
- Fast charging (80% in 45 minutes)
- EPS/UPS function with 20ms response time
- Pure sine wave voltage
- Capacity expansion option up to 10.08 kWh with an additional battery
- Environmentally friendly power station

TECHNICAL DATA

BATTERY

Capacity	5040 Wh (48V; 105Ah)
Cell type	LiFePO ₄
Life cycle	3500+ Cycles (up to 80% orig. capacity)

INPUT

Input AC power supply	2500W max.
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OUTPUT

Inverter type	Pure sinus wave
Max. surge power	7000W
AC output	3× 3700W (230V/16A) 1× 5000W (230V/32A)

GENERAL

Dimension (L × B × H)	825 × 435 × 611 mm
Operating temperature	0-40 °C
Certification	CE, EMC, LVD, ROHS, MSDS
Protection class	IP54
Weight	48 kg

CHARGING OPTIONS

- AC power supply



With the app, you can monitor usage, connections, batteries, and all key data in real time.



ACCESSORIES

- AC adapter
- User manual
- Warranty card