MANGO POWER E

Meet 99% of Your Home and Portable Power Needs

Battery
3.5 kWh
(Expands to 14 kWh)

Output
3-6 kW

Warranty
10 years

Battery Cell
CATL

The Mango Power E is a sophisticated and portable micro-grid power station that can be taken anywhere to provide consistent and reliable energy – even on outdoor excursions, camping trips, or any adventure you choose.

MANGO POWER E Spec Sheet

Product Name	Mobile energy storage
General	
Net Weight	100.1lbs (45.4kg)
Size	17.8 x 13.6 x 19.4 inches (452 x 345 x 494mm)
Working Temperature	Charging: -10°C~45°C (14°F~113°F) Discharging: -20°C~45°C (-4°F~113°F)
Warranty	5 years
Certifications	Meets US and International Safety and EMI Standards
Quick Charge	Recharges to 80% in 1 hour Recharges to 100% in 1.5 hours
Running Noise	<40dB under no-load <51dB under full-load
IP level	IP21
Capacity Expansion	Can expand the capacity by one E Battery to 7066Wh
Power Expansion	Can expand the power by two to 6000W
240V split phase	With mSocket Pro (sold separately), can output 240V split phase, 6000W
Home Backup	Support (need mPanel Pro)
Battery	
Battery Capacity	3533Wh/69Ah
Cell Chemistry	World's best CATL LFP
Life Span	1. Capacity Retention >70% after 2300 cycles (@25℃, +0.5C/-0.5C) 2. 6000 cycles (@25℃, +0.5C/-0.5C)
Battery Management Systems	Over Voltage Protection, Overload Protection, Over Temperature Protection, Short Circuit Protection, Low Temperature Protection, Low Voltage Protection, Overcurrent Protection
Max charging rate	Up to 1.1C
Input	
Charging Method	AC Wall Outlet, Solar Panel, EV Charger, Generator
AC Charging	Max 3000W
Solar Charging	Max 2000W (60V-150V), 20A
EV AC Charging Spot	**Adapter needed** *Needs J1772 Type1 Socket To NEMA 5-15/5-20 EV Charger Adapter
Generator	Support
Inverter	
Rated AC Output Power	3000W, 120V AC, 60Hz
Power of Over-load	3150W<load≤3750W, 5mins; 3750W<load≤4500, 60s 4500W<load≤4800W, 10s 4800W<load, less than 40ms
Maximum Power Point Trackers	1x, Support Both Roof and Portable Solar Panels
Inverter Efficiency	Up to 88%
Output	
Output Ports	16
AC Output Ports	4 x 20A
USB-A	6 x QC 3.0 24W
USB-C	1 x PD 65W+1 x PD 100W
Car Power Output	12V/10A
DC5521 Output	2x12V/5A
AC RV Port	30A
Smart Control	
Connection	Bluetooth and Wi-Fi
App Remote Control	Yes
OTA Upgrade	Yes
Customized Mode	Backup Power Mode / Economical Mode / Time-based Control Mode
Smart Measurement	Yes
Smart Energy and Carbon Footprint Report	Yes
Smart Notifications	Yes
Screen	
Size	4.3 Inches
Touch Screen	Yes
Resolution Ratio	480 x 800
Screen pigment	16.7M colors
Safety	
Smart Self-Check System	Yes