

EV Emergency Range Extender



EV Emergency Range Extender - BPPS6000A



AC Output	230V 50Hz/60Hz 6000W Max Boost Mode:7200W Surge: 9000w Bypass Mode: 3600W
Cigarette Lighter Output	12V10A 120W
USB-A Output	5V3A; 9V2A; 12V1.5A 18W Max
USB-C Output	5V3A; 9V3A; 12V3A; 15V3A; 20V5A; 28V5A 140W Max
XT90 Output	12V30A/24V20A
AC Input	90V~140V 50Hz/60Hz 20A Max 1800W Max 200V~240V 50Hz/60Hz 20A Max 3600W Max
Solar Input	12V~140V MPPT: 18V~130V 15A Max 2100W Max
Cigarette Lighter Input	12V~15V 8.5A Max
Battery Capacity	4608Wh (51.2V/90Ah)
Battery Type	LiFeP04
Working Temperature	32°F~104°F (0°C~40°C)
Storage Temperature	-4°F~140°F (-20°C~60°C)
Dimension	Approx. 26.34*16.24*16.81in (669.1*412.52*426.96mm)
Net Weight	Approx. 108.69lb(49.3kg)



Extension battery specifications.

Extra Battery Port Output	42.65V-56.5V
Extra Battery Port Input	40V~56.5V
Battery Capacity	4608Wh (51.2V/90Ah)
Battery Type	LiFePO4
Working Temperature	32°F~104°F (0°C~40°C)
Storage Temperature	-4°F~140°F (-20°C~60°C)
Dimension	Approx. 24.79*16.24*9.92in (629.74*412.5*251.97mm)
Net Weight	Approx. 80.02lb (36.3kg)

Key Points of Interest

1. BPPS6000A is used to top up an average 30km range* to the car incase of emergencies.
2. The BPPS6000A is suitable to top up battery in cars parked in yard where batteries are at reserve power (0 to 1km minimum)
3. BPPS6000A may not be suitable to revive dead batteries that has been dead for days. But it can still provide power to EV that has just run out of charge (in reserve mode).
4. The Backup power extends the battery power to stay live or in reserve for an average of 1 week.