



MEDALPOWER



16A

Medal Power Portable EV AC Charger

WWW.MEDAL-POWER.COM

Product Overview



LEAVE POWER FOR MEDAL POWER

Product Features



Solid design control box

Meets IP65 & IK10 standard by lab test



LCD color screen

Easiest user interaction and real-time status view



Breathing indicator light

Showing the real-time charging status



Control button

Max output current adjustment & set scheduled charging time



Water protection gasket

Resistance of 3 minutes direct spray from a high pressure water jet in lab test



TPU cable

4.5 meter cable with excellent durability and top cold resistance at -30°C



TUV approved connector

Excellent water protection and easy hold; Silver plated terminals to minimize wear and tear on EV charging socket

Designed for the best portable EV charging

- IEC/EN 62752, all EMC items under IEC/EN 61000 , IP65 approved by TUV
- IK10 Solid design
- Max 22 kW fast charging speed
- Flexible charging/ power connector options
- Color screen displays all the charging data you want to know in real time and dynamically
- Build in metering chip measures power consumption accurately
- Max 7 levels current adjustment & 8 hours scheduled charging
- -30 °C to +50 °C stable working
- Self-diagnosis of faults, automatic repair
- Compatible with all cars in type 2 connection.
- Protecting the life of car battery with the most stable charging process.

Highest safety

- PC V0 housing with 2.0~3.0 mm thick exudes robustness and protects inside components from external influences.
- The housing is made from materials specially developed for top heat dissipation and with flame retardant coating.
- Completely meets all requirements of the TUV applicable standards.
- AC + DC faults detection
- Real-time monitoring for heat and all instabilities during charging process

Specification	
Model	MP-PEC16A-T1,TG
Electrical Properties	
Voltage	230V AC±10%
Max Output Current	16 A
Max Out Power	3.5 kW
Frequency	50/60 Hz
Residual Current Protection	AC 30mA as default DC 6mA is optional
Structure Design	
Display	1.8" LCD
LED Indicator	LED Light bar
Front Panel	PMMA
Installation Method	Wall-mount/carry-on Optional
Charging Outlet	Type2 4.5 M charging cable
Power Incoming Line	0.5 M
Total Cable Length	>5 M
Housing Material	PC+GF 10%
Security Protection	
Safety Standard	IEC/EN 61000-6-1:2019; EN 61000-6-3:2007+A1; IEC 61000-6-1:2016 ; IEC 61000-6-3:2006+A1; CISPR 14-1:2016; IEC/EN 62752:2016+A1
Warranty	1 year
Environmental Performance	
Working Temperature	-30 °C to +50 °C
Working Humidity	5%~95%, Non-condensing
Protection Level (control box)	IP65
Altitude	≤2000 m
Application Site	Indoor/Outdoor
Cooling Method	Natural cooling
Extra Function	
Temperature Detection Function	Yes (check the temp.of PCB and show it on the screen)
Schedule Charging	Yes (1-8hours)
Packing Details	
Product Size	255mm × 109mm × 55mm