



**MEDALPOWER**



**16A**

## Medal Power Portable EV AC Charger

[WWW.MEDAL-POWER.COM](http://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-G1,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 ;<br>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                                                                                                              |