KE Solar
نیرویی برای فردایی روشن‌تر

MEDALPOWER




16A

# Medal Power
# Portable EV AC Charger

WWW.MEDAL-POWER.COM

## Product Overview










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## 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

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## 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 $^{O}$C to + 50 $^{O}$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.

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## 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 |

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