

# PowerPack

Charging Today.  
Powering Tomorrow.



SETEC POWER

[setecpower.com](http://setecpower.com)

# PowerPack

10kW-60kW

PowerPack is a high-efficiency, portable charging solution designed for areas with limited charging infrastructure. Even in urban areas without access to three-phase power, it enables stable charging through a single-phase connection. Compact enough to be stored in the trunk of an electric vehicle, PowerPack allows drivers to charge their EVs anytime, anywhere with access to a standard power outlet.



## System Demonstration



## Product Features

### Customizable

Custom Individual Solutions

- Shape
- Appearance
- Power
- Languages
- Adapters
- Cable Length

### Adapt Single-phase

Make electrification built where there is electricity without three-phase electricity due to supporting low input voltage single-phase.

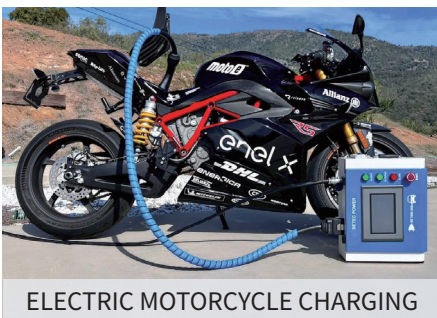
### Quick Setup & Efficient Charging

No complex installation or permanent charging infrastructure is required. Connect to a compatible external power supply for quick deployment and efficient EV charging at changing sites.

### Global Protocols

Fully compatible with various protocols (OCPP 1.6, OCPP 2.0.1, TCP), making to charge adapting CCS, NACS, and others.

## Application Scenario



ELECTRIC MOTORCYCLE CHARGING



RESIDENTIAL CHARGING



RESIDENTIAL CHARGING

| Data                     | Model                   | 10kW                                                                                                                                                      | 30kW          | 60kW          |
|--------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| Optional                 | Adapters                | CCS1 / CCS2 / CHAdemo / GB/T / NACS                                                                                                                       |               |               |
|                          | Input Voltage           | 480/380/220Vac Three-phase / 220Vac Single-phase                                                                                                          |               |               |
| Electrical Specification | Input Specification     | 3P+N+PE / 3P+PE / L+N+PE                                                                                                                                  |               |               |
|                          | Input Frequency         | 50/60Hz (±10%)                                                                                                                                            |               |               |
|                          | Output Voltage          | 150-1000Vdc                                                                                                                                               |               |               |
|                          | Output Current          | 10/20A                                                                                                                                                    | 63/100A       | 125/200A      |
| Electrical Parameter     | Power Factor            | ≥0.99                                                                                                                                                     |               |               |
|                          | Efficiency              | ≥95% (50%-100% load)                                                                                                                                      |               |               |
|                          | Stable Voltage Accuracy | ≤±0.5%                                                                                                                                                    |               |               |
|                          | Stable Current Accuracy | ≤±1%                                                                                                                                                      |               |               |
| Configuration            | Inside Power Module     | 10kW*1                                                                                                                                                    | 30kW*1        | 30kW*2        |
|                          | Network                 | Ethernet / WIFI / 4G                                                                                                                                      |               |               |
|                          | Communication           | OCPP 1.6 / OCPP 2.0.1 / TCP                                                                                                                               |               |               |
|                          | Touch-Display           | 7" Daylight Readable                                                                                                                                      |               |               |
|                          | Payment Method          | RFID / POS / OCPP                                                                                                                                         |               |               |
| Security                 | Multiple Protection     | Over/Under Voltage Protection, Overload Protection, Short Circuit Protection, Over/Under Temperature Protection, Surge Protection, Communication Failure. |               |               |
|                          | MTBF                    | 100,000 hours                                                                                                                                             |               |               |
|                          | Protection Grade        | IP 20 / IP 31 / IP 44 / IP 54                                                                                                                             |               |               |
| Working Environment      | Operation Temp          | -30°C to +65°C (-22°F to +149°F)                                                                                                                          |               |               |
|                          | Working Humidity        | 5%-95% Without Condensation                                                                                                                               |               |               |
|                          | Working Altitude        | <2000m                                                                                                                                                    |               |               |
|                          | Cooling Method          | Fan Cooling                                                                                                                                               |               |               |
| Product                  | Cable Length            | 3m (standard)                                                                                                                                             |               |               |
|                          | Warranty                | 2 years                                                                                                                                                   |               |               |
|                          | Dimension               | 330*162*420mm                                                                                                                                             | 550*310*670mm | 480*766*763mm |
|                          | Net Weight              | 16kg                                                                                                                                                      | 48kg          | 88kg          |

\*Unique custom needs please talk to SETEC POWER