

## 48V,24A EV Battery Charger

### KEY FEATURES:

- **Ultra-High Efficiency >93%**
- **Wide AC Voltage Operation (180VAC-270VAC,50Hz)**
- **Built-in Active power factor ( $\approx 0.99$ )**
- **Low iTHD (<8%)**
- **Constant Current (CC) and Constant Voltage (CV) Operation**
- **Capable to start deep discharged batteries.**
- **Optional CAN Comm. Support**
- **Robust System**
  - Auto Cut-Off when battery is fully charged.
  - Input Over/Under Voltage Protection
  - Output Short/No Load Protection
  - >3kV Differential mode Surge Immunity
  - >2.0kV Input-Output Safety Isolation
  - Enabled with forced cooling.
- **High Power Density**
  - Dimensions :275mmX180mmX88mm
  - Weight:  $\approx 4$ kG
- **Battery Supported**
  - 48V, Li-Ion / LiFePo4 /Lead Acid

### PRODUCT DESCRIPTION:

This high-power charger models that will charge your E-Bike, E-Rickshaw 48V batteries, quickly and reliably, these are available with 24A constant charge current rating.

These high efficiency battery chargers are optimized design and comes with CC/CV charge profile, over charge, short circuit, input under/over voltage protections, which make them more reliable and robust. It is a perfect companion of your E-Rickshaw / E-Bikes fast charging.

### APPLICATIONS:

- Li-Ion and Lead Acid Battery Charger
- E-Rickshaw /EV Charger
- EV Charger for Parking area
- EV Charger for Home
- Charging Station



**Ordering Information:**

<b>Part No.</b>	<b>Max Power</b>	<b>Supported Battery</b>	<b>Max. Charge Current</b>	<b>Charge Voltage</b>	<b>Battery Type</b>
GSE-1K5W4824LI	1500W	48V	24.00 ADC	40V to 54.6V	Li-Ion/ LiFePo4
GSE-1K5W4824LA	1500W	48V	24.00 ADC	40V to 58V	Lead Acid

**Other Products you may be interested in:**

<b>Part No.</b>	<b>Max Power</b>	<b>Supported Battery</b>	<b>Max. Charge Current</b>	<b>Charge Voltage</b>	<b>Battery Type</b>
GSE-1K5W6020LI	1500W	60V	20.00 ADC	50V to 68V	Li-Ion/ LiFePo4
GSE-1K5W7216LI	1500W	72V	16.00 ADC	60V to 84V	Li-Ion/ LiFePo4