



LEV Battery Charger

(LEV, Golf Cart, ATV, UTV)

| Power | 2000W | 3300W |
|-------|---------|---------|
| 60V | 60V/30A | 60V/40A |
| 72V | 72V/25A | 72V/40A |



IP67 Ingress Protection Rating

The charger adopts a fully enclosed potting thermal conductive silicone process, with a protection level of up to IP67. The waterproof, shockproof, acid mist-proof, dust-proof and reinforced isolation design enable it to operate safely under harsh conditions with good heat dissipation performance to lengthen service life.



Active Power Factor Correction

Active Power Factor Correction can significantly improve the performance and efficiency of chargers by enhancing power factor, reducing harmonic distortion, and ensuring a more stable and reliable power supply. The soft switching technology with small switching loss of power devices brings high overall efficiency (>93%).



Smart Off Protection

The charger is designed with a smart off function to protect the product when the product's internal temperature exceeds 80°C, output short circuit, battery reverse connection, and unstable grid with voltage lower than 90V or higher than 264V.



Communication

Equipped with a computer interface, the charging mode can be adjusted on site, suitable for charging various batteries such as lead-acid and lithium batteries to achieve the best match. It also comes with a CAN communication interface and communicate with the BMS with a CAN bus in real time.



| GENERAL SPECIFICATIONS | | LEV-2060BC | LEV-2072BC | LEV-3360BC | LEV-3372BC |
|------------------------|--------------------------------------|---|--------------|---------------|------------|
| Rated Power | | 2000W | | 3300W | |
| Voltage & Current | | 60V/30A | 72V/25A | 60V/40A | 72V/40A |
| Input | Rated Voltage | 220Vac | | | |
| | Input Voltage Range | 90~264Vac | | | |
| | Frequency Range | 40~70Hz | | | |
| Output | Output Power | 2000W | | 3300W | |
| | Output Type | Constant Current (CC) / Constant Voltage (CV) | | | |
| | Constant Voltage(CV) | 87.6Vdc, 1A | 87.6Vdc, 1A | 87.6Vdc, 1A | |
| | Constant Current(CC) | 85.2Vdc, 25A | 85.2Vdc, 25A | 85.2Vdc, 25A | |
| | Ripple Voltage Coefficient | 5% | 5% | 5% | |
| Communication | CAN Communication | Optional | | | |
| | Baud Rate | 125Kbps / 250Kbps / 500Kbps | | | |
| | LED Status Indicators | Yes | | | |
| Protection | Input & Output Protection | Input Over-Voltage Protection, Input Under-Voltage Protection, Output Over-Voltage Protection, Output Starting Voltage, Output Over-Current Protection, Over Temperature Protection, Short Circuit Protection, Reverse Polarity Protection, Ground Protection, Power Failure Protection | | | |
| Feature | Active Power Factor Correction(APFC) | Yes | | | |
| | Power Factor | ≥ 0.98 | | | |
| | Power Efficiency | ≥ 93% | | | |
| | Noise | ≤ 45dB | | | |
| | Heat Dissipation Mode | Forced Air Cooling | | | |
| | Ingress Protection | IP67 | | | |
| Physical Parameters | AC Cable Length | 1.5m | | | |
| | DC Cable Length | 1.2m | | | |
| | Plug & Connector | Customizable | | | |
| | Housing Material | Aluminum | | | |
| | Product Dimension(L*W*H, mm) | 282*168*90mm | | 294*210*111mm | |
| | Net Weight (Kg) | 4.5kg | | 6.8kg | |
| | Humidity | 5%-95% | | | |
| | Working Temperature | -40℃ - 60℃ | | | |
| | Storage Temperature | -55℃ - 100℃ | | | |
| Application | LEV, Golf Cart, ATV, UTV | | | | |

* Product specifications are subject to change without further notice.