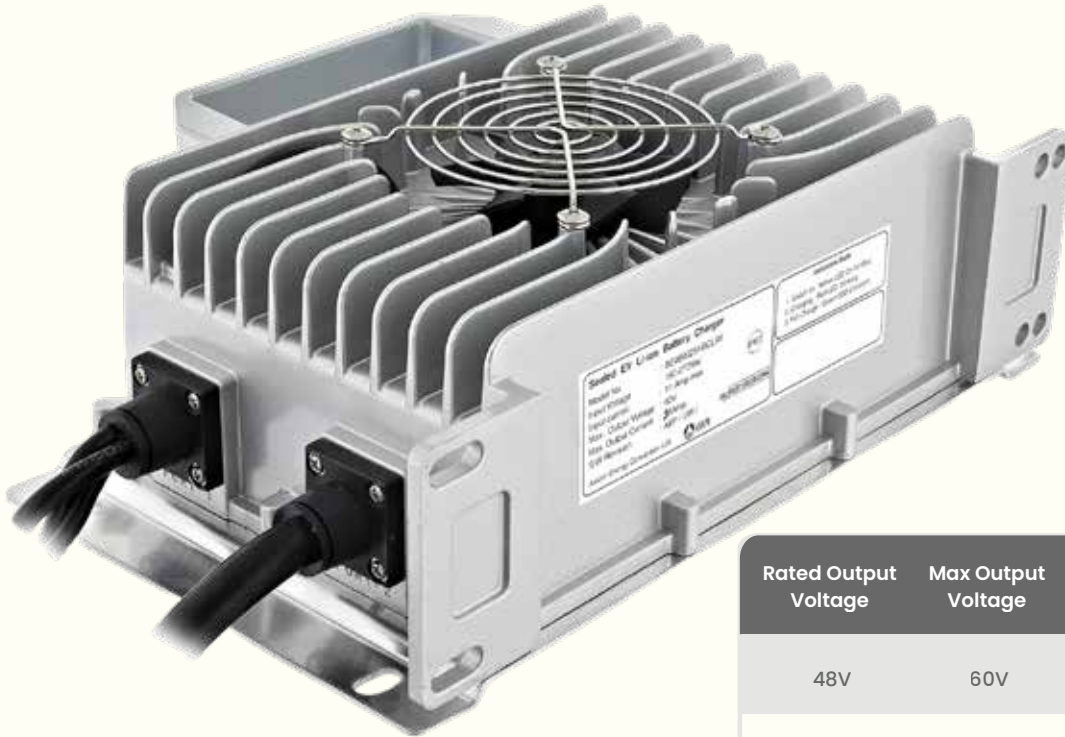


# 2 KW Sealed EV Battery Charger

## ONB 200 Series



| Rated Output Voltage | Max Output Voltage | Max Output Current |
|----------------------|--------------------|--------------------|
| 48V                  | 60V                | 35A                |
| 60V                  | 75V                | 30A                |
| 72V                  | 90V                | 25A                |

## Product Features



Wide input operating range ( 150VAC - 270VAC)



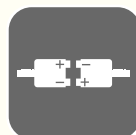
Water proof charger  
IP67 design



LLC design with PFC &  
CAN Communication



Protected from overload, over temperature shutdown with auto recovery, battery reverse polarity.



Battery reverse polarity -  
automatic battery disconnect  
in case of battery reverse polarity  
connection



IATF 16949  
certified organisation  
pioneering EV charging  
solutions for over 15 years.

## Product Specifications

| DC Output          |           |
|--------------------|-----------|
| Output Voltage Max | 60 VDC    |
| Output Current Max | 35 A      |
| Efficiency         | ≥ 93%     |
| CAN Communication  | Available |
| LED Indications    | Available |

| Protections                            |           |
|----------------------------------------|-----------|
| Output Over Voltage Protection         | Available |
| Output Over Current Protection         |           |
| Output Short Circuit Protection        |           |
| Output Reverse Protection              |           |
| Over Temperature Protection of Charger |           |

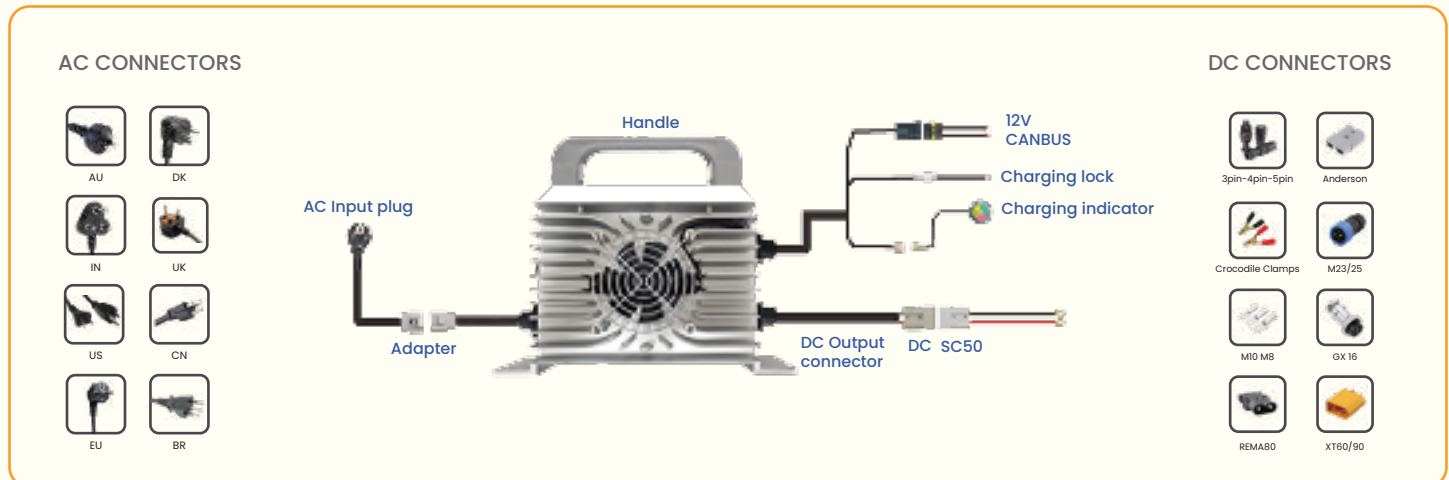
| Safety Requirements   |                |
|-----------------------|----------------|
| Hi-Pot                | ISO 16750-2    |
| Insulation Resistance | ISO 16750-2    |
| EMI/EMC Compliance    | AIS 138 Part-2 |
| Vibration Test        | ISO 16750-3    |
| Bump Test             | IEC 60068-2-29 |

| AC Input               |                   |
|------------------------|-------------------|
| AC Input Voltage Range | 150 vac ~ 270 VAC |
| AC Input Current       | ≤ 13 A            |
| Frequency              | 50/60 Hz          |
| Power Factor           | ≥ 0.98            |

| Mechanical Dimension |                      |
|----------------------|----------------------|
| Overall Size         | 282 X 168 X 90 (mm)  |
| Net Weight           | 4.76 Kg              |
| Carton Size          | 440 x 330 x 280 (mm) |
| Gross Weight         | 5.31 Kg              |

| Environmental       |                    |
|---------------------|--------------------|
| Ingress Protection  | IP67               |
| Working Temperature | - 40°C ~ +60°C     |
| Storage             | - 55°C ~ +100°C    |
| Cooling Method      | Forced Air Cooling |

## Power Interface



## Mechanical Design

