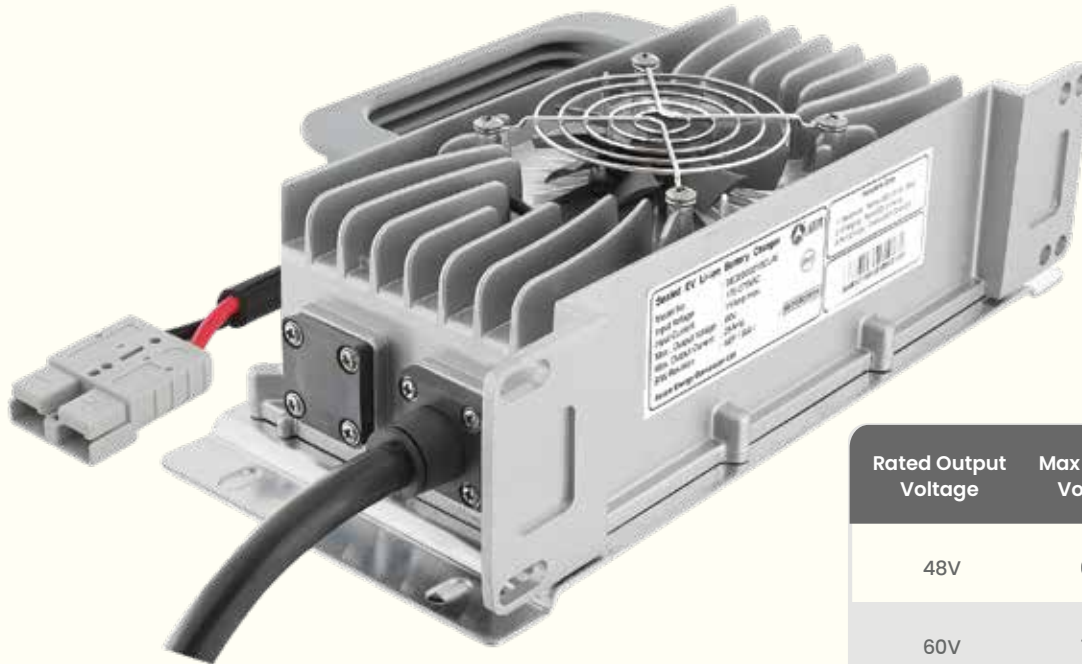


1.5 KW Sealed EV Battery Charger

ONB 150 Series



Rated Output Voltage	Max Output Voltage	Max Output Current
48V	60V	25A
60V	75V	20A
72V	90V	18A
80V	100V	15A

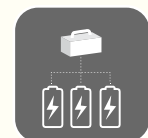
Product Features



Wide input operating range (150VAC - 270VAC)



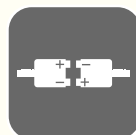
Water proof charger
IP67 design



LLC design with PFC &
CAN Communication



Protected from overload, Over temperature shutdown with auto recovery.



Battery reverse polarity -
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	25 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	

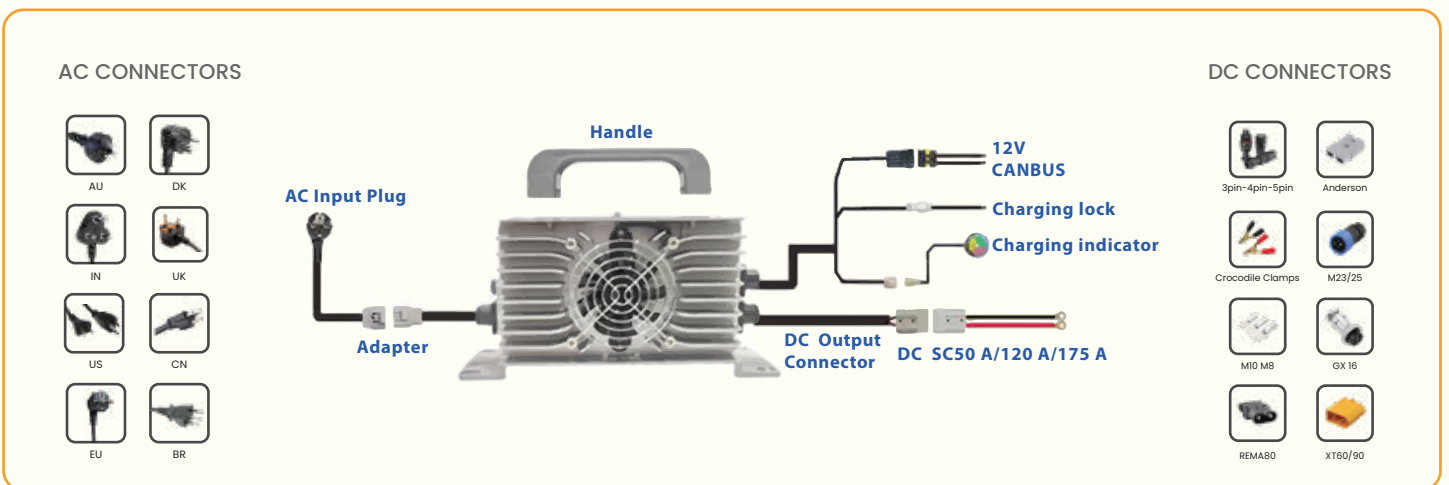
Safety Requirements	
Hi-Pot	ISO 16750-2
Insulation Resistance	ISO 16750-2
EMI/EMC Compliance	AIS 138 Part-2
Vibration Test	ISO 16750-3
Bump Test	IEC 60068-2-29

AC Input	
AC Input Voltage Range	150 vac - 270 VAC
AC Input Current	≤ 11 A
Frequency	50/60 Hz
Power Factor	≥ 0.98

Mechanical Dimension	
Overall Size	282 X 146 X 82 (mm)
Net Weight	2.7 ~ 3.6 Kg depending on accessories
Carton Size	380 X 260 X 140 (mm)
Gross Weight	~ 4.5 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

