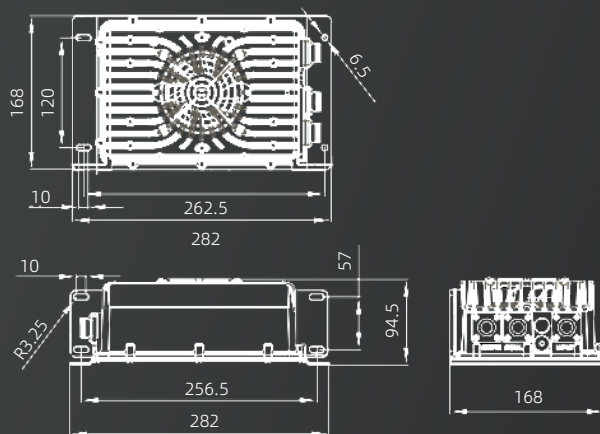


# BSL 110VAC/220VAC SERIES ON-BOARD SEAL

This series of chargers are suitable for lead-acid, lithium, NI-MH, NI-CA batteries and can apply to cycle or float charging of battery pack in electric scooter, forklifts, golf cart, patrol vehicle, scrub-ber, boat, etc.



Models	Rated Voltage for Battery Pack	Max Output Voltage	Max Output Current
BSL24XX	25.6V	30V	40A
BSL36XX	38.4V	44V	25A
BSL48XX	51.2V	60V	20A



## TECHNOLOGY PARAMETERS

- ⚡ AC Input Voltage Range: 90-264VAC; 45-65Hz
- ⚡ AC Input Max Current: 11A @ 90-264VAC
- ⚡ Power Factor:  $\geq 0.99$
- ⚡ Efficiency:  $\geq 94.0\%$
- ⚡ Noise:  $\leq 45\text{dB}$
- ⚡ Protection level: IP67

## PRODUCT CHARACTERISTICS

### ! SAFETY

Active PFC and LLC technique is used for a rapid response on a fault; Quick active software and passive hardware protection on voltage & current; Advanced charging strategy is applied as safeguard for the battery.

### ! RELIABILITY

The shell is shaped by integrated die casting technique and filled with special glue. This series of chargers has been operated in all kinds of industrial environment (Wet, Hot, Cold, high altitude) for more than ten years to pass verification.

### ! FUNCTIONS

CAN BUS Interface;  
Triple Colors Indicator;  
Vehicle Charging Lock System;  
Auxiliary power supply for 12V ;

## PROTECTION FEATURES

- ⚡ Burnout Protection: If temperature of charger exceeds the limitation, the charger will low down the power load. If environment temperature exceeds  $65^{\circ}\text{C}$ , the charger will stop charging and switch itself to standby mode until the temperature goes down.
- ⚡ Protection for Reverse Connection of Batteries: The circuit inside the charger shuts down when the batteries are connected reversely.
- ⚡ NO-load Protection: There is no output when the battery is not connected.
- ⚡ Short Circuit Protection: The circuit inside the charger will shut down when output is short-circuited.
- ⚡ Automatic shutdown when fully charged: The charger automatically turns off after the battery is fully charged.

## SIZE AND WEIGHT & TEMPERATURE

- Net Weight: 4.6kg
- Operating Temperature:  $-30^{\circ}\text{C}$  -  $65^{\circ}\text{C}$
- Storage Temperature:  $-40^{\circ}\text{C}$  -  $95^{\circ}\text{C}$