

WT 3300W SERIES ON-BOARD SEAL CHARGER

This series chargers design of sealed structure.it suitable for flooded lead acid batteries, sealed lead acid batteries, lithium batteries, NI -MH batteries, Nickle Cadmium batteries,etc.They are used to cycle charge or floating charge battery pack in electric cars ,sightseeing vehicles,patrol vehicles, fork lifts,communication,electric power,ships,etc.

Models	Rated Voltage for Battery Pack	Max Output Voltage	Max Output Current
WT48XX	48V	68V	50A
WT60XX	60V	85V	35A
WT72XX	72V	102V	35A
WT144XX	144V	168V	20A
WT320XX	320V	400V	10A



TECHNOLOGY PARAMETERS

AC Input Voltage Range: 90 - 264VAC ; 45 - 65Hz
 AC Input Max Current:13.5A @100VAC ; 15.0A @220VAC
 Power Factor: 0.99
 Efficiency: 94.0%
 Noise: 45dB
 Protection level:IP67

PRODUCT CHARACTERISTICS

SAFETY

Active PFC and LLC technique is applied for a rapid respond on a fault;Quick active software self-protection and reliable passive hardware self-protection on VOLTAGE&CURRENT; Advanced charging strategy is integrated as a safeguard for battery system.

RELIABILITY

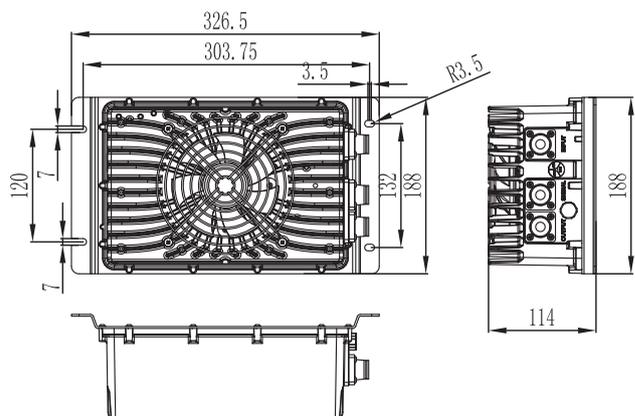
The shell is shaped by integrated die casting technique, and filled with special glue. The active cooling fan is also designed to be a fan with a potting structure and a longer life. Products of Charger Series have been operating in all kinds of industrial environment (Wet, Hot, Cold, high altitude) for more than ten years, the design is proved to pass the verification.

FUNCTIONS

CAN BUS Interface is compatible.Triple Colors Indicator is compatible.Vehicle Charging Lock System is compatible.Integrated with an auxiliary power supply for 12V .Meet common standards of charger for EV .

SIZE AND WEIGHT&TEMPERATURE

Net Weight:5.8kg
 Operating Temperature: -30 - 65
 Storage Temperature: -40 - 95



PROTECTION FUNCTIONS

Burnout Protection : Temperature of charger exceeds the limitation, the charger will low down the power load. Temperature of environment exceeds 65 , the charger will stop charging and switch itself to standby mode until temperature of environment goes down.

Protection for Reverse Connection of Batteries:The circuit inside the charger shuts down with batteries when the batteries are connected reversely and will not damage the charger.

NO-load Protection: There is no output when the batteries are not connected.

Short Circuit Protection:The circuit inside the charger shuts down with batteries when output is short circuit.The charger will start charging only after troubleshooting and restart the charger.

Automatic shutdown when fully charging:The charger automatically turns off after the battery is fully charged according to the charger's judgment .