

WT1350W SERIES ON-BOARD SEAL CHARGER

This series of chargers are suitable for lead-acid, lithium, NI-MH, NI-CD batteries and can be used to cycle or float charging the battery pack in electric scooters, forklifts, golf cart, patrol vehicle, scrubber, boat, etc.

Models	Rated Voltage for Battery Pack	Max Output Voltage	Max Output Current
WT12XX	12V	17V	25A
WT24XX	24 V	34V	25A
WT36XX	36 V	51V	25A
WT48XX	48 V	68V	25A
WT60XX	60 V	85V	20A
WT72XX	72 V	102V	18A

TECHNOLOGY PARAMETERS

- AC Input Voltage Range: 85~270VAC; 50/60Hz
- AC Input Max Current: 7.5A @120VAC; 7.3A @220VAC
- Power Factor:≥0.99
- Efficiency:≥MAX 93.0%
- 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 and reliable passive hardware self-protection on voltage¤t; Advanced charging strategy is integrated as a safeguard for battery.

RELIABILITY

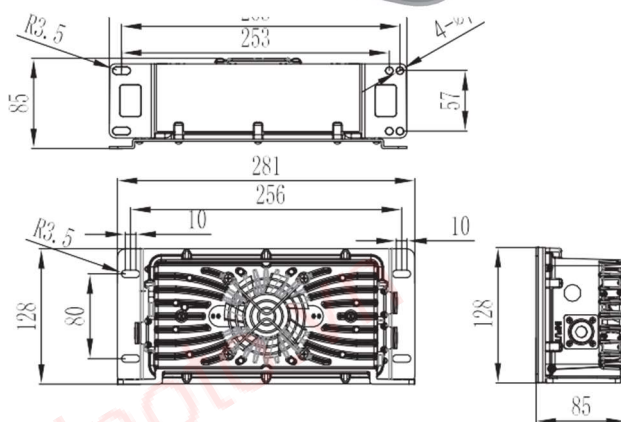
● The shell is shaped by integrated die casting technique, and filled with special glue. The active cooling fan is also designed with a potting structure for longer life. Chargers had been operating in all kinds of industrial environment (wet, hot, cold, high altitude) for more than ten years and is proved to pass the verification.

FUNCTIONS

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

SIZE AND WEIGHT&TEMPERATURE

- Net Weight:2.0kg
- Operating Temperature:-30°C~65°C
- Storage Temperature:-40°C~95°C



PROTECTION FEATURES

- Burnout Protection: If temperature of charger exceeds the limitation, the charger will low down the power load. If environment temperature exceeds 65 °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.