



## (48V 15A) / (36V 18A) Battery Charger

Model: YILEIDE-E1500W Series



### USERS MANUAL

#### Suitable for Golf Cart Lead-acid Batteries

Shenzhen Yileide Technology Co., Ltd.

chris.f@yileide.com

WARRANTY INFO: 18 months

#### INSTRUCTION

Thank you for purchasing our product. Please read the entire instruction strictly to use you product. YILEIDE-E1500W Series Charger is an economic, high quality 100-240V AC balance charger, designed for charging golf carts Lead-acid batteries. Charging program consists of 3 steps: constant current, constant voltage and float charging. The chargers provide protections against overload, over-voltage, over-heating, short circuit and reverse polarity connections.

#### SPECIFICATIONS

DC Output	
Maximum DC output voltage	58.8V / 44.1V
Nominal DC output voltage	48V / 36V
Maximum DC output current	15A / 18A (15A/18A @ 110 VAC; 15A/18A @ 220 VAC)
Maximum DC output power	1500W
Battery type	Lead-acid
AC Input	
AC input voltage range	85-260 VAC
Nominal AC input voltage	100-240 VAC
Nominal AC input frequency	50 / 60 Hz
Power factor	>0.9
Mechanical	
Dimensions	11.1 x 5.0 x 2.8 inch

Net Weight	6.0 lbs
Cooling	Active cooling with fan
<b>Environmental</b>	
Enclosure Protection Level	IP67
Humidity	5% – 95%
Operating temperature	-20°C to +65°C (-4°F to 149°F), Derated at >40°C (104°F)
Storage temperature	-40°C to +85°C (-40°F to 185°F)

#### EXPLANATION OF LED STATUS

LED	Charger Status
1. LED Yellow blinking.	1.Charger AC cable is connected to the power supply, The charger is ready to charge.
2. LED Green blinking Slow.	2. The charger is charging ; Battery power 0-90%.
3. LED Green blinking Fast.	3. The charger is charging ; Battery power 90-100%.
4. LED solid green.	4. Charging is complete.
5. Red light blinking quickly.	5. Input power failure.
6. LED Red and green blinking alternately.	6. The output is short-circuited or the positive and negative poles of the battery are reversed.
7. Red light blinks 2 times, interval 1 second, blinks 2 times again.	7. Charger temperature overheating alarm.
8. Red light blinks 3 times, interval 1 second, and then blinks 3 times.	8. Output over-current alarm.
9. Red light blinks 4 times, interval 1 second, then blinks 4 times.	9. Output over-voltage alarm.

If there is a problem with the charger, the fan will stop rotating and the LED indicator will blink red light to give an error warning. Please disconnect the charger from the wall socket.

#### WARNING AND SAFETY NOTES

This Charger is suitable for charging golf carts Lead-acid batteries , charging other batteries may cause fire or explosion.

Never leave the charger unattended when it is connected to its power supply.

**YILEIDE E1500W serie has a charging plug temperature detection and protection function.**

**1:When the charging plug is in poor contact with the battery holder or the temperature is too high due to other reasons, the yellow indicator light will flash strongly and lock the low current.**

**2:When the plug temperature exceeds the alarm value, it will change from a strong flashing yellow light to a strong flashing red light, and the output will be turned off,Until the temperature of the charge gun and battery contact is back to normal,Then continue to turn on the charge.**

**Please do not cut the charging plug cable or replace it with another type of charging plug.**

#### WARNING

**THIS IS A SMART CHARGER, A NON-ORIGINAL RECEPTACLE OR A OLD DEFECTIVE RECEPTACLE WILL CAUSE THE CHARGER FAIL TO CHARGE. ONCE THE RED LED INDICATOR ON THE CHARGER BLINKING, PLEASE REPLACE WITH A NEW ORIGINAL RECEPTACLE.**

**THE CHARGING PLUG CANNOT BE CUT OFF TO CONNECT THE BATTERY DIRECTLY, OTHERWISE THE CHARGER WILL NOT BE ABLE TO CHARGE.**