



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

Model: YILEIDE-E800W Series



### USERS MANUAL

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

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WARRANTY INFO: 12 months

#### INSTRUCTION

Thank you for purchasing our product. Please read the entire instruction strictly to use you product. YILEIDE-E800W 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	800W
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

<b>Mechanical</b>	
Dimensions	7.3 x 6.6 x 3.9 inch
Net Weight	3.7 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.

The allowable AC input voltage is 100-240V AC. Never connect it to any other voltage.

Never place the charger and batteries connected to it on any form of flammable surface. Never operate the charger in the vicinity of inflammable material or gas.

Ensure that there is an unrestricted airflow to and from the charger's cooling slots. Never place the charger on a carpet or similar surface.

Take great care to maintain correct battery polarity, and avoid shot-circuit. Read the battery manufacturer's instructions and adhere to them strictly.

#### **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.**