

## OPERATING INSTRUCTIONS

1. Make sure the charger input voltage match the local AC voltage, then connect the charger to AC power supply 110V or 220V.
2. The LED lights green while the charger connects with the power supply correctly.
3. Connect the red output clip to battery positive terminal, black clip to battery negative terminal, the LED lights red signs charge start.
4. The LED lights green while battery is fully charged.

## APPLICATIONS & FUNCTIONS

1. No current and voltage are delivered when the charger is connected to the power supply and the battery is not connected.
2. The charger can be used as daily maintainer when the vehicle is used infrequently. It automatically charges the battery once it detects the battery voltage below a set threshold.
3. While battery voltage reaches full charge, the system automatically converts to maintenance program and green LED signs on.

## TECHNICAL SPECIFICATIONS

ITEM	SPECIFICATION
12.8V LiFePO4 battery	
AC Input voltage	100-240V 50/60Hz
Output voltage	14.2V $\pm$ 0.2V
Output current	2A $\pm$ 0.1A
Short-circuit protection	Yes
Polarity reverse protection	Yes
Over charge protection	Yes
Operating temperature	-10°C ~ 40°C
Storage temperature	-40°C ~ 70°C
Operating humidity	5% ~ 95%RH
Certificates	UL, CE, ROHS, PSE, FCC, SAA, TUV-GS, CUL

## CAUTION

1. Do not expose to rain. For indoor use only.
2. Do not use in presence of explosive gas or sparks. Use only in well-ventilated areas.
3. Do not cover the charger during the charging. Keep away from heat. Keep out of the reach of children.
4. Switch off the power supply before removing the charger from the battery.