

# 4000 Watt Pure Sine Inverter Charger 48Vdc / 240Vac Input & 120/ 240Vac Split Phase Output

PICOGLF40W48V240V-D1



## Features:

- 4000 watt low frequency inverter
- 12000 watt surge for 20 seconds 300% surge capability
- 48 Volt DC
- 120/240 VAC split phase output
- Battery priority selector
- Terminal block
- Marine coated and protected
- Multi stage smart charger 115 Amp
- Charges lithium LiFePO<sub>4</sub>, GEL, AGM and lead batteries. We recommend to check battery charging specifications for all batteries.
- Remote panel available
- Auto frequency
- 10msec typical transfer time
- Optional 25W power save mode
- 7 battery type settings for charger
- Automatic transfer switch

## Output Specifications: 4000 WATT PURE SINE INVERTER CHARGER

- Continuous output power: 4000 Watt
- Surge rating: 12000 Watt (20 seconds)
- Output: 110/120/220/240 VAC 50 or 60 Hz
- Output waveform: pure sine/same as input (bypass mode)
- Nominal efficiency: >88% (peak)
- Line mode efficiency: >95%
- Output frequency: 50Hz +/- 0.3Hz and 60Hz +/- 0.3Hz
- Typical transfer time: 10ms (max)
- THD: < 10% DC
- Ambient operating temperature: 14°F to 122°F (-10°C to 50°C)

## Input Specifications:

- Nominal input voltage: 48.0 VDC
- Minimum start voltage: 44.0 VDC
- Low battery alarm: 42 VDC-44.0 VDC
- Low battery trip: 40 VDC-42 VDC
- High voltage alarm: 64 VDC
- Low battery voltage restart: 53.2 VDC
- Idle consumption: 1.67 amps DC
- Power saver mode idle consumption: <.83 amps DC

## Charger Specifications:

- Output voltage: depends on battery type
- Charger rate: 40 A
- Over charge protection shutdown: 62.8 V
- Selectable charge setting based on battery type
- Adjustable charge current off -20%-100%
- Four stage smart charger

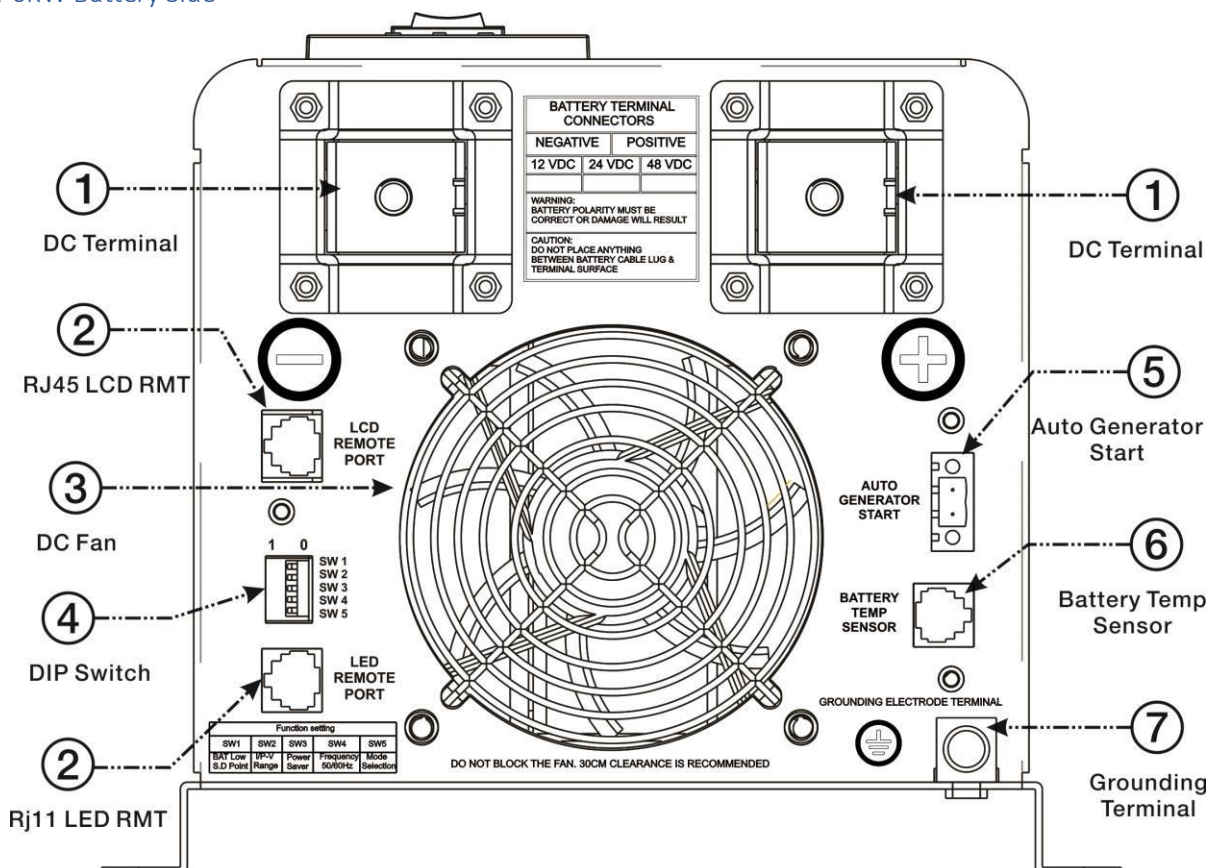
## Transfer Switch Specifications:

- 50 amp @ 120Vac or 30 amp @ 240 Vac automatic transfer switch (bypass)
- 10 ms (max)

## Dimensions:

- Unit weight: 64 lbs.
- Unit size L x W x H: 23.5 x 8.74 x 7.10 inches
- Shipping weight: 75 lbs.
- Shipping size L x W x H: 30.5 x 14.25 x 13.75 inches

### PICOGLF 1-6KW Battery Side



PICOGLF 4-6KW AC Side

