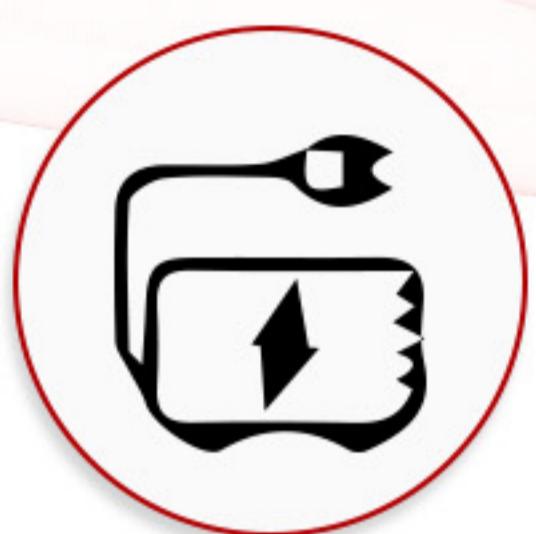




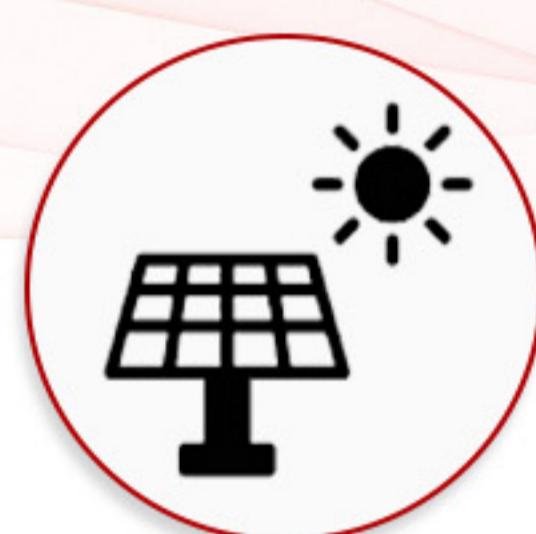
SunLife
SOLAR (PVT.) LTD.

SL PRO 3.5KW

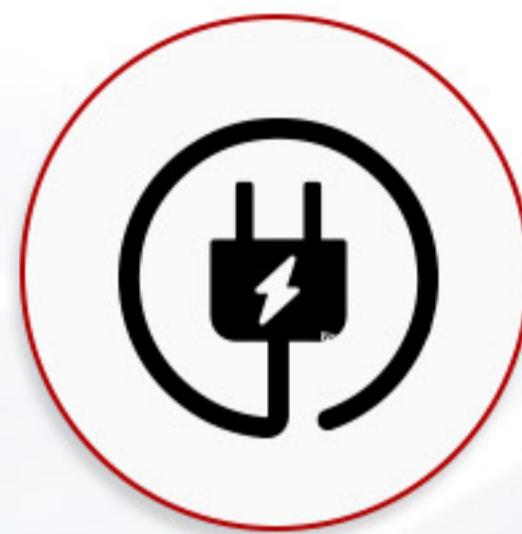
OFF GRID INVERTER 3500w-24v



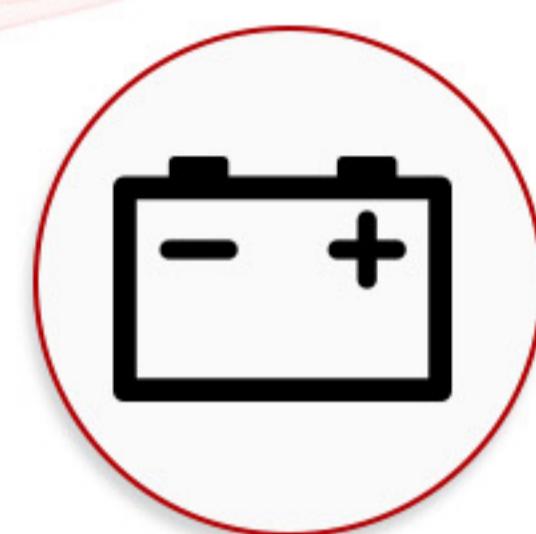
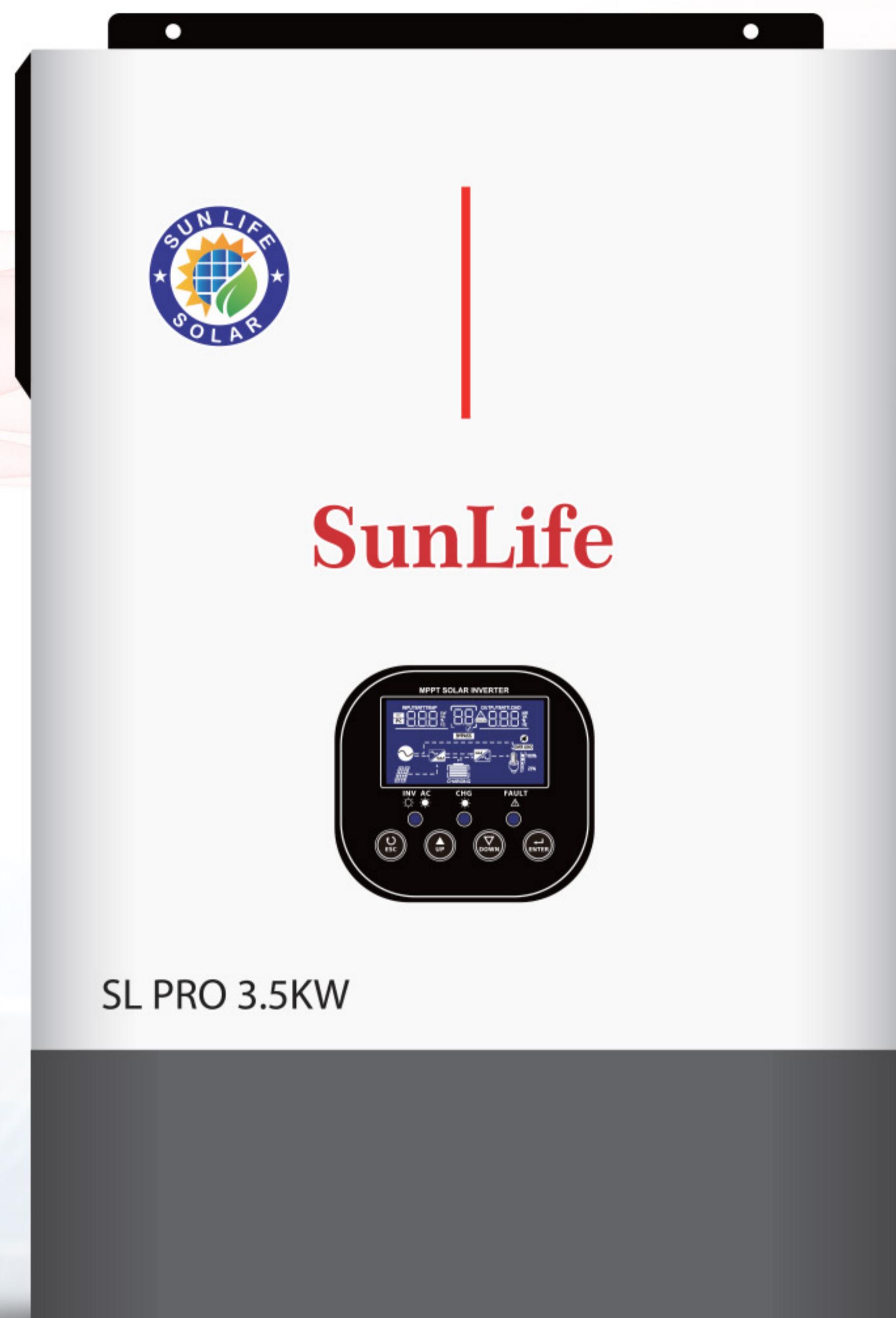
OFF GRID
INVERTER



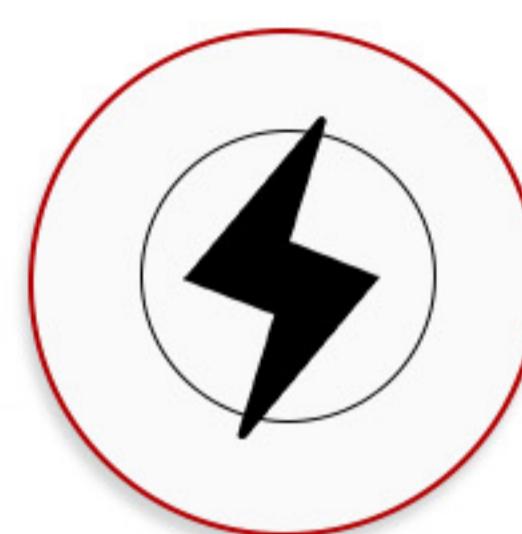
MAX PV POWER
4000W



BATTERY DC INPUT
24VDC,135A



3000W RATED
POWER



MAX SOLAR VOLTAGE
450VDC



MPPT VOLTAGE RANGE
60-430VDC

DATASHEET

SL PRO 3.5KW

RATED POWER

3500W

INPUT

Voltage
Selectable Voltage Range
Frequency Range

230 VAC
170-280 VAC (For Personal Computers)
90-280 VAC (For Home Appliances)
50 Hz/60 Hz (Auto sensing)

OUTPUT

AC Voltage Regulation (Batt. Mode)
Surge Power
Efficiency (Peak) PV to INV
Efficiency (Peak) Battery to INV
Transfer Time
Output Port
Waveform

230VAC ± 5%
7000VA
97%
94%
10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
single output
Pure sine wave

BATTERY & AC CHARGER

Battery Voltage
Floating Charge Voltage
Overcharge Protection
Maximum Charge Current
SOC display
Sleeping Mode
Battery voltage low cut off selectable
Battery High voltage range selectable
Works without Battery

24 VDC
27 VDC
33 VDC
100 A(From grid)
Shows battery State of charge in percentage and in voltage as well
YES
21V-24V
25V-30V
YES

SOLAR CHARGER

Maximum PV Array Power
MPPT Range @ Operating Voltage
Maximum PV Array Open Circuit Voltage
Maximum Charging Current
Maximum Efficiency

5000W
60 ~ 450 VDC
500 VDC
120 A
98%

PHYSICAL

Dimension, D x W x H (mm)
Net Weight (kgs)
Communication interface
LCD display

128*300*440
8.7
RS485/ Wifi option(BMS Compatible with lithium battery using RS-485)
General LCD

OPERATING ENVIRONMENT

Humidity
Operating Temperature
Storage Temperature

5% to 95% Relative Humidity(Non-condensing)
0°C - 55°C
-15°C - 60°C