



OMEGA Digital UPS

DSP PURE SINE WAVE UPS

LITHIUM INVERTER

With Inbuilt Lithium Ferro Phosphate Battery



Li-1250 SW



Li-850 SW



BE SMART - TOP 10 REASONS TO BUY

ZERO
MAINTENANCE

4
YEARS
WARRANTY

MORE THAN
10
YEARS
BATTERY LIFE

SAFER
THAN
LEAD ACID BATTERY

SAVES
2000 UNITS* OF
ELECTRICITY IN 7 YEARS

CONSTANT
VOLTAGE
NO LOAD TO FULL LOAD

SILENT OPERATION
PC, LAPTOP, TV, FAN, MIXIE, LIGHTS AND
ANY OTHER APPLIANCES*

ADVANCED
LITHIUM TECHNOLOGY
USED IN SPACE TO MOBILE PHONES

PROTECTS
FROM LOW/HIGH VOLTAGES

FAST
CHARGING
WITHIN
6 HOURS

Authorized Dealer



STALWART
SOLAR ENERGY PROMOTERS
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OVERVIEW

This is a pure sine wave stand-alone inverter/charger system combining the function of inverter and AC charger, and provides a long run-time uninterruptible power supply. Its comprehensive 4 Line / 2 Line LCD display provides system status, and user-friendly operation.

KEY FEATURE

1. High-frequency switching technology for compact size and lightweight
2. Pure sine wave output for wide range of applications and harsh environment
3. Build-in Lithium Ferro Phosphate battery for long life with zero maintenance
4. High efficient DC-to-AC conversion minimizing energy loss
5. Intelligent cooling fan control
6. Input/output isolated design for the maximum operation safety
7. LCD displays comprehensive operation status
8. Supports Home Appliances / Office Equipment/ Lighting Equipment/ Motor-based Equipment (such as Fan, Mixer grinder)
9. Thorough protections: Input low voltage / Overload / Short circuit / Low battery alarm / Input over voltage / Over temperature

SPECIFICATIONS

MODEL	LI-1250 SW	LI-850 SW
INPUT		
AC Rated Output Power	1000W	600W
AC Input Voltage Waveform	Sine Wave - As per the Grid	Sine Wave - As per the Grid
AC Nominal Input Voltage	220AC	220AC
AC Low Voltage Cut Off	140Vac±7V	140Vac±7V
AC High Voltage Cut off	280Vac±7V	280Vac±7V
AC Max AC Input Voltage	300Vac	300Vac
AC Nominal Input Frequency	50Hz	50Hz
OUTPUT AC MODE		
AC Output Short Circuit Protection	Fuse	Fuse
AC Efficiency (Line Mode)	>98% (Rated R load, battery full charged)	>98% (Rated R load, battery full charged)
AC Transfer Time	10ms typical(UPS)	10ms typical(UPS)
OUTPUT - UPS MODE		
AC Output Voltage Waveform	Pure Sine Wave (DSP)	Pure Sine Wave (DSP)
AC Output Voltage Regulation	220Vac±1%	220Vac±1%
AC Output Frequency	50Hz	50Hz
Peak Efficiency	80%	80%
Overload Protection	10s@>125%	10s@>125%
Capable of starting electric motor	0.25HP	0.25HP
Nominal Battery Voltage	12.8 Vdc	12.8 Vdc
BATTERY - INPUT		
Low Battery Warning Voltage	12Vdc	12Vdc
Low Battery Cut-off Voltage	11.5V	11.5V
High Battery Cut-off Voltage	10.8V	10.8V
Grid Charging Mode	14.2V	14.2V
Charging Algorithm	3-Step	3-Step
AC Charging Current (Max)	13-15 Amp	11-13Amp
Maintenance	Zero -Maintenance	Zero -Maintenance
Warranty	4 Years	4 Years
Transformer Disconnection	YES after Battery Fully Charged	YES after Battery Fully Charged
Battery Life	2000 Cycles	2000 Cycles
Battery Specification	C1-100AH	C1-80AH
Dimension (D*W*H)/ mm	455x165x255	445x165x230
Net Weight .kg (MPPT model)	19	16