



LIGEN POWER

INNOVATING POWER SOLUTIONS

"FOR MODERN LIVING"

LIGEN POWER - 850

SINE WAVE TECHNOLOGY



No Topup



Leak Proof



Fumeless

FAST CHARGING



LONG LASTING BATTERY LIFE

LOW CARBON FOOTPRINT



HIGH PERFORMANCE

PORTABLE & COMPACT



ZERO MAINTENANCE



www.ligenpower.com



SPECIFICATIONS

PARAMETER	DETAILS / VALUES
POWER RATING (VA / W)	850VA / 680W
INPUT VOLTAGE / FREQUENCY RANGE	230V \pm 10% / 50Hz \pm 5%
OUTPUT VOLTAGE ON MAINS MODE	SAME AS INPUT
OUTPUT VOLTAGE / FREQUENCY ON UPS MODE	220V / 50Hz \pm 0.5%
SWITCHING FROM MAINS TO UPS & UPS TO MAINS	AUTOMATIC
TRANSFER TIME	6–10 ms (Typical)
OUTPUT WAVEFORM ON MAINS MODE	SAME AS INPUT
OUTPUT WAVEFORM ON UPS MODE	PURE SINEWAVE
PHASE	1-Phase Input 1-Phase Output
BATTERY VOLTAGE (V)	12.8V DC
BATTERY CHEMISTRY	LFP
NO. OF BATTERY SUPPORTED	4
BATTERY PACK	INTERNAL INTEGRATED WITH 4S1P BMS
BATTERY CAPACITY	100Ah
CHARGING CURRENT	15A
CHARGER TYPE	CCCV
WORKING TEMPERATURE	10°C – 50°C
LOAD	3 Fan, 3 LED Bulb, 1 WiFi Router, 1 LED TV
BACKUP TIME AT FULL LOAD	210 Mins.
AUDIBLE ALARMS	YES
COOLING FAN	YES
COOLING FAN START/STOP	60°C / 50°C
BYPASS FEATURE	MANUAL
PROTECTION FEATURE	MCB
DISPLAY ON UPS/INVERTER	LOW BATT, BATT. VOLTAGE, CHG. CURRENT, CHG. MODE, AC IN, AC OUT, LOAD, OVERLOAD, TEMPERATURE, INV ON/OFF STATUS
WEIGHT	22.2 Kg
WARRANTY	6 Years Warranty on both Inverter and Battery and 12 months Replacement warranty on electronic boards (Inverter PCBA and BMS)* *

This inverter, boasting an 850 VA capacity, supports a maximum 680 W bulb load, employing Sine Wave Technology.