

# LIGEN POWER POWER UP YOUR LIFE

## LIGEN POWER - 300



**LONG**

LASTING BATTERY LIFE



**ZERO**

MAINTENANCE



**FAST**

CHARGING



**PORTABLE**

AND COMPACT



**LOW**

CARBON FOOTPRINT



**SINE WAVE**

TECHNOLOGY



NO TOPUP



LEAK PROOF



FUMELESS



# SPECIFICATIONS

PARAMETER	DETAILS / VALUES
POWER RATING (VA / W)	300VA / 240W
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	15Ah
CHARGING CURRENT	3A
CHARGER TYPE	CCCV
LOAD	1 BULB @ 100W + 1 FAN @ 60W
BACKUP TIME	1 Hour 01 Minutes
AUDIBLE ALARMS	YES
COOLING FAN	YES
COOLING FAN START/STOP	60°C / 50°C
BYPASS FEATURE	MANUAL
WORKING TEMPERATURE	10°C – 50°C
PROTECTION FEATURE	FUSE
DISPLAY ON UPS/INVERTER	LOW BATT, BATT. VOLTAGE, CHG. CURRENT, CHG. MODE, AC IN, AC OUT, LOAD, OVERLOAD, TEMPERATURE, INV ON/OFF STATUS
WEIGHT	6.5 Kg
WARRANTY	6 Years warranty on both Inverter and Battery, 1 year replacement warranty on Electronic boards (Inverter PCBA and BMS)**

This inverter, rated at 300 VA, supports a maximum bulb load of 240 W, using Sine Wave Technology and a 12.8V LIB Battery.