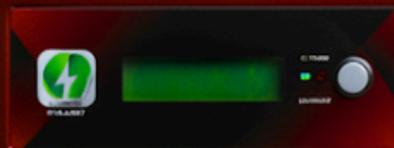


LIGEN POWER ENHANCED EFFICIENCY

LIGEN POWER - 600S



NO TOPUP



LEAK PROOF



FUMELESS

PORTABLE AND COMPACT   LONG LASTING BATTERY LIFE

LOW CARBON FOOTPRINT   ZERO MAINTENANCE

SINE WAVE TECHNOLOGY   FAST CHARGING



www.ligenpower.com



SPECIFICATIONS

PARAMETER	DETAILS / VALUES
POWER RATING (VA / W)	600VA / 480W
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	50Ah
CHARGING CURRENT	15A
CHARGER TYPE	CCCV
WORKING TEMPERATURE	10°C – 50°C
LOAD	2 Fan, 2 LED Bulb, 1 WiFi Router, 1 LED TV
BACKUP TIME AT FULL LOAD	150 Mins.
AUDIBLE ALARMS	YES
COOLING FAN	YES
COOLING FAN START/STOP	60°C / 50°C
BYPASS FEATURE	MANUAL
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	13 Kg
WARRANTY	6 Years Warranty on both Inverter and Battery and 12 months Replacement warranty on electronic boards (Inverter PCBA and BMS)**

This inverter, with a 600 VA capacity, supports up to 480 W bulb load, utilizing Sine Wave Technology and internal 12.8V LIB Battery.