

NRGX -M

5kVA , 1 Hour Backup

NRGX -M Series UPS with Li-ion Battery



Features:

- ♦ Full LCD with LED indications
- ♦ High efficiency UPS (On-line mode 94%, ECO mode 99%)
- ♦ Plug & play unit, Easy installation with wall mount design
- ♦ Pure sine wave, safe for your sensitive devices
- ♦ Comes with fast charging capability (80% within 2hours)
- ♦ Wide input voltage range (110V-300V AC)
- ♦ Compact solution with smaller footprint
- ♦ DG Compatible
- ♦ Paralleling Capability upto 4 Units
- ♦ Solar Compatible



MODEL	ESS1105B
Capacity (kVA/kW)	5.0/5.0
INPUT	
Nominal Voltage	230V AC (1Ph+N+PE, 3 Wire)
Operating Voltage Range	110V~300V AC Load Dependent
Operating Frequency Range	50 / 60 Hz $\pm$ 10% (Auto Sensing)
Power Factor	≥ 0.99
OUTPUT	
Output Voltage	230V $\pm 1\%$
Output Frequency	50/60 Hz $\pm$ 0.1 Hz Battery Mode
Harmonic Distortion (THDv)	<3% (Linear load), <5% (Non Liner Load)
Crest Factor	3:1
Efficiency	Up to 94% Dual Conversion Mode, 99% ECO Mode
BATTERY	
DC Voltage	48V DC
Back-up Time	60 Minute on 4.0kW Load
SYSTEM FEATURES	
LCD Indication	Input Voltage/Frequency, Output Voltage/Frequency, Battery Voltage, Load Watt/VA and %, Inverter Temperature, Operation Mode such as "On Line", "ON Batt" or On "Bypass", Fault Codes, Battery & Load Bar graph
LED Indication	Normal Operation, Bypass, Abnormal, Fault and Battery Mode
Alarms / Protection	Batt. Low, DC High, Inverter Under/Over Voltage, UPS Over Load, Short Circuit, Fan Failure and UPS Fault.
Overload Capability	105-150% for 10s, > 150% for 5s
Transfer Time	AC to Battery : 0ms, Inverter to Bypass : 4ms (Typical)
ENVIRONMENTAL	
Temperature	Operating: 0~50°C*, Storage: -10°C ~ 55°C
Humidity / Altitude	0~95% RH Non-condersing / <1500 M
Noise	<45dBA
STANDARDS	
Quality	ISO 9001, ISO 14001, ISO 27001,ISO 450011,ISO 50001, RoHS
Safety / EMC / Performance	IEC/EN62040-1; IEC/EN62040-2; IEC/EN62040-3, Complying to CE
PHYSICAL	
Dimension WxDxH (mm)	500x165x900
Weight (Kg)	~72kg
COMMUNICATION INTERFACE	
Standard	RS232, USB
LITHIUM-ION BATTERY	
Chemistry	LFP
Operating Temperature	0~50°C

*Conditions Apply
Specifications are subject to change without prior notice.