

Nrgx Series 1~7.5kVA

Nrgx Series UPS with Li-ion Battery



Features:

- ♦ High energy on wheels (UPS with Li-ion battery)
- ♦ Full LCD display with power flow diagram
- ♦ High efficiency UPS (On-line mode 94%, ECO mode 99%)
- ♦ Plug & play unit, Easy installation
- ♦ Pure sine wave, safe for your sensitive devices
- ♦ Ultra Fast charging
- ♦ Wide input voltage range (110V-300V AC)



MODEL	EXL1000	EXL2000	EXL3000	EXL5000	EXL6000	EXL7500
Capacity (kVA)	1.0	2.0	3.0	5.0	6.0	7.5
INPUT						
Nominal Voltage	230V AC (1Ph+N+PE, 3 Wire)					
Operating Voltage Range	110V~300V AC Load Dependent					
Operating Frequency Range	50 / 60 Hz ± 10% (Auto Sensing)					
Power Factor	≥0.99					
OUTPUT						
Output Voltage	230V ±5%					
Output Frequency	50/60 Hz ± 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	36V DC	48V DC				
Charge Current	10A		Default : 30A, Max : 60A (Configurable)			
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	<50dBA					
STANDARDS						
Quality	ISO 9001, ISO 14001, OHSAS 18001, ISO 27001, RoHS					
Safety / EMC / Performance	IEC/EN62040-1; IEC/EN62040-2; IEC/EN62040-3, Complying to CE					
PHYSICAL						
Dimension WxDxH (mm)	250 x 450 x 700		300 x 525 x 1000			
Weight (Kg)	20.5Kg	40.2Kg	85Kg			
COMMUNICATION INTERFACE						
Standard	RS 232, USB					
LITHIUM-ION BATTERY						
Chemistry	LFP, 36/48V, 1hour	LFP, 48V, 1hour	LFP, 48V, 1.5 hour	LFP, 48V, 1 hour		
Battery Capacity	864 Wh	2304 Wh	4800 Wh			
Operating Temprature	0~50°C					
Charge/Discharge Rate	0.5C / 1.0C					

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