



Project

Type

Catalog Number

SPECIFICATIONS **POWER**

- EXTERIOR**
- Designed for Outdoor Locations and Hostile Environments
 - Heavy-duty NEMA 3R Enclosure (weatherproof gasket, convection cooling)
 - Rugged Steel (painted) Enclosure
 - Tamper-Proof Triple Locking Design Includes Internal Steel Bars, Key-lock, and Padlocking Door Handle
 - All Service is Through the Front
 - Four Mounting Holes Provided to Anchor Enclosure to Pedestal

- FEATURES**
- Automatic Monthly and Annual Self-Testing
 - PMS Design for True Sine Wave Output
 - Double Conversion, "No Break" Online System Powers all Lamp Types, Including LED

- ELECTRICAL**
- Input
 - Voltage: 120, 208, 240, 277, 480V Single Phase(+10% to -15%)
 - Frequency: 60Hz ±3%
 - Power Factor: 1.0 Unity
 - Overcurrent Protection: Circuit Breaker
 - Power Connection: Hard Wired (terminal block)
 - Input Configuration: 2 wire (hot, neutral) plus ground
 - Output
 - Voltage: 120, 208, 240, 277 Single Phase
 - Rating: 2.1 - 17kW
 - Regulation: ±3% No Load to Full Load; ±3% High Line to Low Line
 - Frequency: 60Hz ±0.25Hz
 - Wave: Sine
 - Harmonic Distortion: <5% THD; <3% Single Harmonic
 - Crest Factor: Up to 3 to 1
 - Power Factor: 1.0 Unity
 - Overload: 115% for 10 minutes; 125% Surge
 - Protection: Fault Current Limited by Ferroresonant Design
 - Noise Rejection: -120 dB Common Mode; -60dB Normal Mode
 - Operating Temperature (electronics): -40°F - 136°F (-40°C - 58°C)

- BATTERY**
- 90 Minute Sealed, Maintenance-free, Lead Calcium
 - Nominal DC Link: 48 or 120 VDC Link
 - Overcurrent Protection: Circuit Breaker

- CODE COMPLIANCE**
- UL924 Listed
 - NEMA 3R Rated

- WARRANTY**
- 1 Year warranty standard
 - Other warranty options available

ORDERING INFORMATION

Model#	KVA	Input/Output	Input Breakers			Output Breakers			
			Pole	Amp	Qty	Output	Voltage	Amp	Qty
N3R3	21W (2,100W)	01 (120/120)	1P (1 Pole)	10A	01-24	NN (Normally On)	120V	10A	01-24
	30W (3,000W)	02 (208/208)	1P (1 Pole)	16A		NF (Normally On)	208V	16A	
	50W (5,000W)	03 (240/240)		20A			240V	20A	
	60W (6,000W)	04 (277/277)		40A			277V	40A	
	80W (8,000W)	05 (480/277)		60A				60A	
	100W (10,000W)	<i>Call for additional</i>							
	125W (12,500W)								
	150W (15,000W)								
	170W (17,000W)								

See 2nd Page for Options



**N3R3
NEMA3R Single
Phase Inverter**

OPTIONS (Factory Installed)

EMCM	- Wireless Battery Cycle Monitor
HTR	- Heater Strip with Thermostat Control
GMS1	- Global Monitoring System
GMS2	- Advanced Global Monitoring System, includes GMS1 Event Logger
RLB	- Rotatable Lifting Brackets
FC	- Fast Charge
SEIS	- OSHPD "Withstand" Seismic
SEMT	- Seismic Mounting
IODF	- Inverter On Dry Form C Contact
BDC	- Battery Thermal Dry Contact
MBY	- Make Before Break Internal Maintenance Bypass Switch
2YW	- 2 Year Warranty, Start Up, and Same Day Training
2YWT	- 2 Year Warranty, Start Up, Same Day Training and Full Run Test
5YP	- 5 Year Preventative Maintenance Plan with Start Up
5YW	- 5 Year Extended Electronics Warranty

Model	kW	Dimensions (WxHxD)	Total Weight	VDC
N3R3-21W	2.1kW	40" X 76" X 20"	896 lbs	96V
N3R3-30W	3.0kW	40" X 76" X 20"	1066 lbs	196V
N3R3-50W	5.0kW	40" X 76" X 20"	1284 lbs	120V
N3R3-600W	6.0kW	52" x 80" x 33.5"	1284 lbs	144V
N3R3-80W	8.0kW	52" x 80" x 33.5"	1464 lbs	192V
N3R3-100W	10kW	52" x 80" x 33.5"	2870 lbs	192V
N3R3-125W	12.5kW	52" x 80" x 33.5"	3777 lbs	192V
N3R3-150W	15kW	52" x 80" x 33.5"	4512 lbs	240V
N3R3-170W	17kW	52" x 80" x 33.5"	4512 lbs	240V