

SPECIFICATIONS

POWER

FEATURES

- 98% Efficient
- Powder coat painted steel enclosure
- White finish
- Conformal coat all printed circuit boards
- Internal maintenance bypass - Make before break
- Summary Dry Form C Contacts
- Seismic bracing
- CORBIN- Corbin CAT60 Locks; 3-point lock
- Temperature controlled forced air cooling, no filters required
- Custom voltages available
- Noise; 45 dBA @1m

WARRANTY

- 1 Year warranty standard
- Other warranty options available

ELECTRICAL

- Output load power factor .5 Lag to .5 Lead
- Compatible with generators
- Compatible with electronic and magnetic ballasts and LED drivers
- Output distortion < 3% THD for linear loads

BATTERY

- 90 minute runtime standard

CODE COMPLIANCE

- UL924 Listed
- BABA Compliant
- BAA Compliant
- TAA Compliant



N3RCR Single Phase Inverter 3.0-8.0KVA/kW

Model	KVA/kW	BTUs	Dimensions (WxHxD)	Total Battery Weight	Batteries	VDC	Current (Amps)	Weight (lbs)
N3RCR-3	3.0	255	54" X 76" X 30"	740 Lbs	10	120V	31	1545
N3RCR-4	4.0	340	54" X 76" X 30"	888 Lbs	12	144V	31	1693
N3RCR-5	5.0	408	54" X 76" X 30"	1110 Lbs	15	180V	31	1915
N3RCR-6	6.5	544	54" X 76" X 30"	1480 Lbs	20	240V	31	2285
N3RCR-7	8.0	680	54" X 76" X 30"	1776 Lbs	24	144V	65	2581

ORDERING INFORMATION

Model#	KVA/kW	Input/Output	Output Breakers			
			Output	Voltage, Pole	Amp Rating	QTY
N3RCR	3 (3.0)	01 (120/120)	NN (Normally On)	120V, 1-Pole	10A	01-14
	4 (4.0)	02 (120/120-277)	NF (Normally Off)	208V, 2-Pole	16A	
	5 (5.0)	03 (208/120)		240V, 2-Pole	20A	
	6 (6.5)	04 (240/120)		277V, 1-Pole	25A	
	7 (8.0)	05 (277/120)			32A	
		06 (277/277)			40A	
		07 (277/277-120)			50A	
					63A	

See 2nd Page for Options

OPTIONS (Factory Installed)

REMP	- Remote Summary Alarm Panel
CBLM	- Circuit Breaker Locking Mechanism
FC	- Fast Charge (12-hr)
H	- Heater (Battery)
OTD	- Output Transfer Delay (Set at 3 seconds, adjustable to .5 - 8)
RSP	- Remote Status Panel
SSE	- Stainless Steel Enclosure
S MDF	- Status Monitoring Dry Form C Contact
IODF	- Inverter On Dry Form C Contact
OUTT	- Output Trip (supervised alarm)
Additional Options (pick 1)	
BAC	- BACnet (MSTP only)
BACP	- BACnet IP
IVC	- IoT Inverter Connect
MODT	- Modbus TCP/IP
MODR	- Modbus RTU
SEA	- Serial to Ethernet Adapter
Warranty Options	
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

ACCESSORIES (Ships on Side)

SPFS	- Spare Fuses
SPCB	- Spare Fuses and Circuit Boards
EMB	- External Maintenance Bypass