



Project

Type

Catalog Number

SPECIFICATIONS **POWER**

EXTERIOR

- Inverter Cabinet: 39"W x 68"H x 18"D
- Battery Cabinet: 51"W x 70"H x 30.5"D
- Altitude: up to 6,000ft

FEATURES

- On-Line Central Lighting Inverter
- Back-lit LCD Display (4lines) for monitoring
- Pre-wired for Global Monitoring System (GMS)
- High Frequency PWM with Digital Signal Processing Technology
- Make Before Break Internal Maint. Bypass Switch
- Input and Output Circuit Breaker
- Generator Compatible with Automatic Governor (Slew Rate 2Hz/sec.)
- Inverter Test Switch
- Battery Breaker
- Battery Management Software
- Automatically tests every 30 days and 12 months

ELECTRICAL

- Input
 - Voltage: 208/120V or 480/277V (+10% to -15%)
 - Power Factor: 0.8
 - Overcurrent Protection: Circuit Breaker
- Output
 - Voltage: 120, 208, 240, 277 Single Phase
 - Rating: 8kW - 50kW
 - Regulation: $\pm 3\%$, regulated within CBEMA curve
 - Frequency: 60Hz ± 0.5 Hz
 - Wave: Sine
 - Harmonic Distortion: $< 5\%$ THD
 - Crest Factor: 3:1
 - Noise Isolation: -120 dB Common Mode; -60dB Transverse Mode
 - Operating Temperature (electronics): 32°F - 104°F (0°C - 40°C)

BATTERY

- 90 Minute Sealed, Maintenance-free, Lead Calcium
- Overcurrent Protection: Circuit Breaker

CODE COMPLIANCE

- UL924 Listed

WARRANTY

- 1 Year warranty standard
- Other warranty options available



IVR3
3-Phase Fast
Transfer Inverter
8kW - 50kW

ORDERING INFORMATION

Model#	KW	Input/Output
IVR3	08W (8000W)	01 (208/120V - 208/120V)
	12W (12,000W)	02 (480/277V - 480/277V)
	16W (16,000W)	03 (480/277V - 208/120V)
	20W (20,000W)	
	24W (24,000W)	
	32W (32,000W)	
	40W (40,000W)	
	50W (50,000W)	

See 2nd Page for Options

OPTIONS (Factory Installed)

EMCM	- Wireless Battery Cycle Monitor
GMS1	- Global Monitoring System
GMS2	- Advanced Global Monitoring System, includes GMS1 Event Logger
SEMT	- Seismic Mounting
DCNO	- Dry Contact Normally Open
SMDF	- Dry Contact "Form C" Normally Open and/or Normally Off
RSPA	- Remote Status Panel unit with audio alarm and silence switch
STB	- Secondary Normally On/Off Terminal Block Selection
AAS	- Local Audio Alarm with Silence Switch
MOCB	- Main Input/output circuit breaker (with custom KAIC)
EMI	- EMI Filter
ACB	- Secondary Auxiliary Circuit Breakers (up to 20 positions)
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	# of Inverter Cabinets / Weight	# of Battery Cabinets / Weight	VDC
IVR3-08	8kW	1 / 1083 lbs	1 / 1392 lbs	192
IVR3-12	12kW	1 / 1446 lbs	1 / 3224 lbs	192
IVR3-16	16kW	1 / 1679 lbs	1 / 3560 lbs	192
IVR3-20	20kW	1 / 1679 lbs	1 / 4545 lbs	288
IVR3-24	24kW	1 / 1719 lbs	1 / 4568 lbs	288
IVR3-32	32kW	1 / 2066 lbs	2 / 8664 lbs	312
IVR3-40	40kW	1 / 2463 lbs	2 / 8800 lbs	480
IVR3-50	50kW	1 / 2565 lbs	2 / 12,700 lbs	480