



Project

Type

Catalog Number

SPECIFICATIONS

POWER

EXTERIOR

- Inverter Cabinet:
24-50kW: 75" H x 34" W x 31.5" Dp.
64-128kW: 75" H x 55.5" W x 31.5" Dp.
- Battery Cabinet: 70" H x 51" W x 30.5" Dp.

FEATURES

- Automatic monthly and annual self testing
- 24/7 Self Diagnostics
- True galvanic isolation design
- Integrated automatic transfer switch
- 2 hour backup
- Dry contacts & Form C dry contacts (normally closed)
- Independent phase control circuitry
- Pulse width modulation rectifier (06-Pulse & 12-Pulse)
- Main input/output circuit breakers
- Internal maintenance bypass
- Transient voltage surge suppression (TVSS)
- LCD display for viewing unit Status and events.
- Multiple CPU Design
- Intelligent charger w/ temperature compensation
- Redundant power supply
- Integral protection against operation error
- Power conditioning using PWM methodology
- Cold start function

ELECTRICAL

- Input
 - Voltage: 208Y/120V or 480Y/277 VAC (±15%)
- Output
 - Voltage: 208Y/120v or 480Y/277V
 - Frequency: 60Hz ±7%
 - Regulation: ±1% @ 100% unbalanced load
 - Wave Form: Sinusodial <2% THD
 - Protection: ANSI/IEEE C62.41 Categories A and B

BATTERY

- Sealed, Maintenance-free, VRLA Standard 10 year
- Battery Temperature: 20°C - 25°C (68°F - 77°F)

ENVIRONMENTAL

- Operating Temperature: 0°C - 40°C (32°F - 104°F)
- Storage Temperature: -20°C - 70°C (-4°F - 158°F)
- Humidity: 0% - 90% (non-condensing)
- Altitude: Up to 5,000ft

CODE COMPLIANCE

- UL924 Listed

WARRANTY

- 1 Year warranty standard
- Other warranty options available

ORDERING INFORMATION

Model#	KW	Input/Output
IVRELV	24W	01 (208/120V - 208/120V)
	32W	02 (480/277V - 480/277V)
	40W	
	50W	
	64W	
	80W	
	96W	
	128W	
	160W	
	192W	
	240W	



**IVRELV
Elevator Emergency
Backup Power**

See 2nd Page for Options



SPECIFICATIONS

OPTIONS (Factory Installed)

RMS	- Regen Agent (Regen Management System)
AUXCB	- Integral Auxiliary Output Circuit Breaker
DIO	- Delta Input
RSC	- RS-232 / RS-485 Connectors
LOG	- Event Logging (up to 500 events)
FAN	- Battery Cabinet Exhaust Fan
FANDC	- Battery Cabinet Exhaust Fan Dry Contact
GMS	- WiFi Monitoring
BAT	- Wireless Battery Monitoring System
TRC	- Thermal Battery Control (IFC 1206.2)
EMB	- Integral Emergency Egress Lighting Backup
IMB	- Independent Elevator/Egress Lighting Sub-feed Breakers