



Project

Type

Catalog Number

SPECIFICATIONS **POWER**

FEATURES

- UL924 Listed
- 98% Efficient
- PWM/IGBT Technology and micro-processor controller
- Maintenance bypass
- User programmable with password protection
- Automatic event and alarm log
- RS232 Communications port
- Input circuit breaker
- Low audible noise
- Internal battery circuit breaker/fuse

ELECTRICAL

- Input (3-Phase 4-Wire Wye configuration)
120/208VAC
277/480VAC
- Output (3-Phase Wye or Delta configuration)
120/208VAC
277/480VAC
- Output load power factor .5 Lag to .5 Lead
- Electronic and magnetic ballast compatible
- Output distortion < 3% THD for linear loads
- Forced air cooling only during emergency operation, so no filters required

BATTERY

- 90 minute valve regulated lead acid (VRLA) standard
- Long Life battery optional

CODE COMPLIANCE

- UL924 Listed

WARRANTY

- 1 Year warranty standard
- Other warranty options available

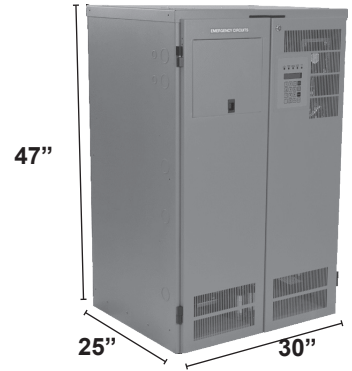
ORDERING INFORMATION

Model#	KVA	Input/Output	Output Breakers		
			Pole	Amp Rating	QTY
SIHL	48W (4,800W)	01 (120/208)	1P (1 Pole)	10A	01-24
	60W (6,000W)	02 (277/480)	2P (2 Pole)	16A	
	80W (8,000W)		3P (3 Pole)	20A	
	100W (10,000W)			25A	
	125W (12,500W)			32A	
	167W (16,700W)			40A	
	240W (24,000W)			50A	
	330W (33,000W)			63A	
	400W (40,000W)			80A	
	500W (50,000W)			100A	

See 2nd Page for Options



SIHL
3-Phase Inverter
4.8-50KVA



OPTIONS (Factory Installed)

LLEM	- Long Life Battery (90 minute VRLA standard)
REMP	- Remote Summary Alarm Panel
RSP	- Remote Status Panel
RMP	- Remote Meter Panel
EMCF	- Battery Cabinet Fan
EMCM	- Battery Cycle Monitor (with modem)
EMTM	- Battery Temp Monitor (with shunt trip DC breakers)
SMDF	- Status Monitoring Dry Form C Contact
DT	- Drip Top (1/cabinet when required)
BAC	- BACnet (MSTP only)
BACEM	- Email with BACnet capability
FC	- Fast Charge
FAX	- Fax Modem
SEIS	- OSHPD "Withstand" Seismic
SEMT	- Seismic Mounting
IODF	- Inverter On Dry Form C Contact
SDF	- Summary Dry Form C Contact
LCI	- Load Control Interface / Dimmer or Switch Bypass
NID	- Network Interface Device
MBY	- Maintenance Bypass
XMOD	- External Modem for RS-232 Option
SPFS	- Spare Fuses
SPCB	- Spare Fuses and Circuit Boards
OUTT	- Output Trip (supervised alarm)
NOTD	- Normally Off with Time Delay (15 minutes)
ZM#	- Zone Monitoring (specify qty)
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	BTUs	Dimensions (WxHxD)	Total Weight	Batteries	VDC	Current (Amperes)
SIHL-48W	4.8kW	326	30" x 47" x 25"	1633 lbs	12	144V	39
SIHL-60W	6.0kW	408	30" x 47" x 25"	1855 lbs	15	180V	39
SIHL-80W	8.0kW	544	30" x 47" x 25"	2247 lbs	20	240V	39
SIHL-100W	10.0kW	680	30" x 47" x 25"	2835 lbs	24	144V	81
SIHL-125W	12.5kW	850	30" x 47" x 25"	3279 lbs	30	180V	81
SIHL-167W	16.7kW	1136	30" x 47" x 25"	4063 lbs	40	240V	81
SIHL-240W	24.0kW	1632	44" x 72" x 31"	6390 lbs	60	240V	117
SIHL-330W	33.0kW	2244	44" x 72" x 31"	8630 lbs	80	240V	160
SIHL-400W	40.0kW	2720	44" x 72" x 31"	10150 lbs	100	240V	194
SIHL-500W	50.0kW	3400	44" x 72" x 31"	11980 lbs	60	240V	243