



Project

Type

Catalog Number

SPECIFICATIONS

POWER

FEATURES

- UL924 Listed
- 98% Efficient
- **SIIL Model is interruptible; SINI is non-interruptible**
- PWM/IGBT Technology and micro-processor controller
- Optional maintenance bypass switch
- User programmable with password protection
- Automatic event, test, and alarm log
- RS232 Communications port
- Input circuit breaker
- Low audible noise
- 2ms transfer time
- 65kAIC withstand rating

ELECTRICAL

- Input (1-Phase 2-Wire +10% -15%)
120 or 277VAC
- Output (1-Phase 2-wire)
120 or 277VAC
- Output load power factor .5 Lag to .5 Lead
- Compatible with generators
- Output distortion < 3% THD for linear loads

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



**SIIL / SINI
Single Phase Inverter
1.5KVA - 16.7KVA**

ORDERING INFORMATION

Model#	KVA	Input/Output	Output Circuit Breakers			Battery
			Output	Voltage	Amp Rating	
SIIL	15W (1,500W)	01 (120/120)	NON (Normally On)	120V	10A	01-24 BAT10 (10 yr warranted)
SINI	22W (2,250W)	02 (120/120-277)	NOF (Normally Off)	208V	16A	BAT20 (20 yr warranted) (not 10 20year battery)
	30W (3,000W)	03 (208/120)		240V	20A	
	37W (3,750W)	04 (240/120-240)		277V	25A	
	50W (5,000W)	05 (277/120)		32A		
	60W (6,000W)	06 (277/277)		40A		
	80W (8,000W)	07 (277/277-120)		50A		
	100W (10,000W)	08 (208/120-240)		63A		
	125W (12,500W)	09 (347/347)				
167W (16,700W)	10 (208/120-208)					

See 2nd Page for Options

OPTIONS (Factory Installed)

LLEM	- 120 Minute Battery (90 minute VRLA standard)
RSP	- Remote Status Panel (status alarms, requires S MDF option)
RSAP	- Remote Summary Alarm Panel
RMP	- Remote Meter Panel
S MDF	- Status Monitoring Dry Form C Contact
DT	- Drip Top (NEMA 2)
BAC	- BACnet (MSTP)*
BACIP	- BACnet IP*
MODT	- Modbus TCP/IP*
MODR	- Modbus RTU*
FC	- Fast Charge
IODF	- Inverter On Dry Form C Contact
SFF	- Summary Fault Form C Contact
LCR	- Load Control Relay / Dimmer or Switch Bypass
MBY	- Maintenance Bypass (bypass switch is a make before break)
IMB	- Internal Maintenance Bypass (bypass switch is a make before break)
CBL	- Circuit Breaker Locks
BTM	- Battery Temperature Monitor
OUTT	- Output Trip (supervised alarm)
OTD	- Output Transfer Delay (factory set at 3 seconds; adjustable 1-8 seconds)
NOTD	- Normally Off with Time Delay (15 minutes)
ZM#	- Zone Monitoring (specify qty)
SM	- Seismic Mounting
2YW	- 2 Year Warranty, Start Up, and Same Day Training
5YP	- 5 Year Preventative Maintenance Plan with Start Up
5YW	- 5 Year Extended Electronics Warranty

**Only one option available*

Model	kW	BTUs	Dimensions (WxHxD)	Total Weight	Batteries	VDC	Current (Amps)
SIIL/SINI-15W	1.5kW	102	30" x 47" x 25"	511 lbs	4	48V	39
SIIL/SINI-22W	2.2kW	153	30" x 47" x 25"	679 lbs	6	72V	38
SIIL/SINI-30W	3.0kW	204	30" x 47" x 25"	827 lbs	8	96V	38
SIIL/SINI-37W	3.7kW	255	30" x 47" x 25"	980 lbs	10	120V	37
SIIL/SINI-50W	5.0kW	340	30" x 47" x 25"	1168 lbs	12	144V	40
SIIL/SINI-60W	6.0kW	408	48" x 76" x 25"	1715 lbs	15	180V	40
SIIL/SINI-80W	8.0kW	544	48" x 76" x 25"	2120 lbs	20	240V	39
SIIL/SINI-100W	10.0kW	680	48" x 76" x 25"	2561 lbs	24	144V	82
SIIL/SINI-125W	12.5kW	860	48" x 76" x 25"	3025 lbs	30	180V	82
SIIL/SINI-167W	16.7kW	1135	48" x 76" x 25"	3845 lbs	40	240V	80