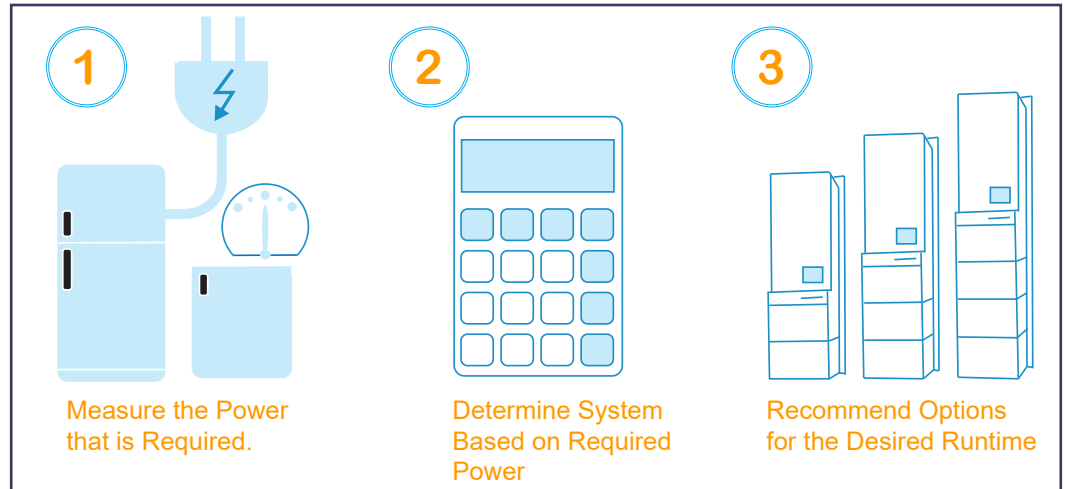
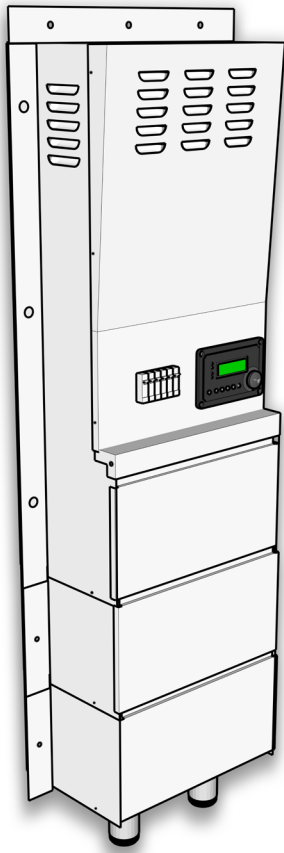


# HARDWIRE SYSTEMS

## SILENT SENTRY SSH & SHCS Series

### Modular Cabinet Design Offers a Customizable Solution:

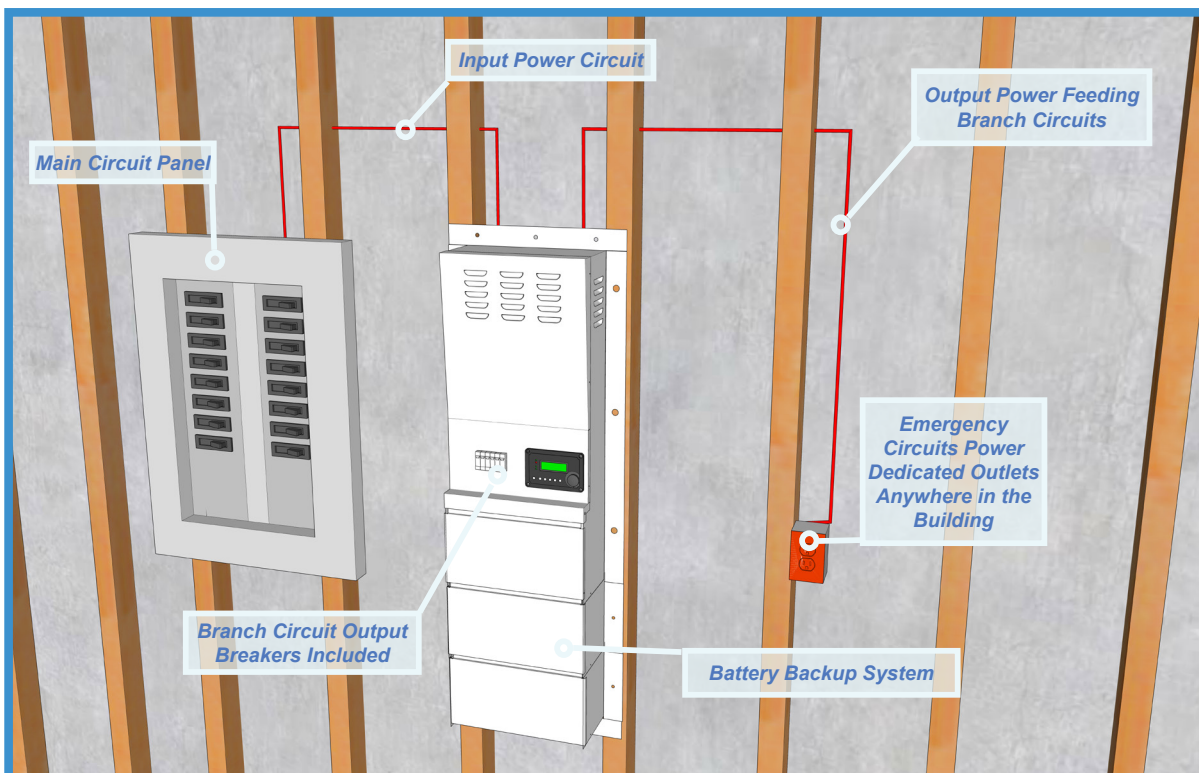


### Applications:

- -80° Freezers
- Vaccine Refrigerators
- Fume Hoods
- Sensitive Lab Equipment
- Operating Room Equipment
- Incubators
- Histology Equipment
- Imaging Equipment
- Mission Critical Medical Devices

### Features:

- Internal Transfer Switch
- Automatic Transfer (less than 1 sec)
- Branch Output Circuit Breakers
- Digital Control LCD Screen
- 2 Year Warranty
- 4 Year Prorated Battery Warranty
- Space Saving Design
- No Ventilation Necessary
- No Exhaust or Fumes
- Installs Anywhere within Your Facility
- Audible Low Battery Alarm.



### OPTIONS:



#### Power Outage Alert:

The optional power outage alert system calls you when a power outage occurs. This feature offers you peace of mind and better control when dealing with power failures.



#### Battery Monitor Kit:

The optional battery monitor kit enables you to remotely monitor the battery during a power outage via the internet, by offering an estimated runtime based upon the rate of discharge.

# HARDWIRE SYSTEMS

## SILENT SENTRY SSH & SHCS Series

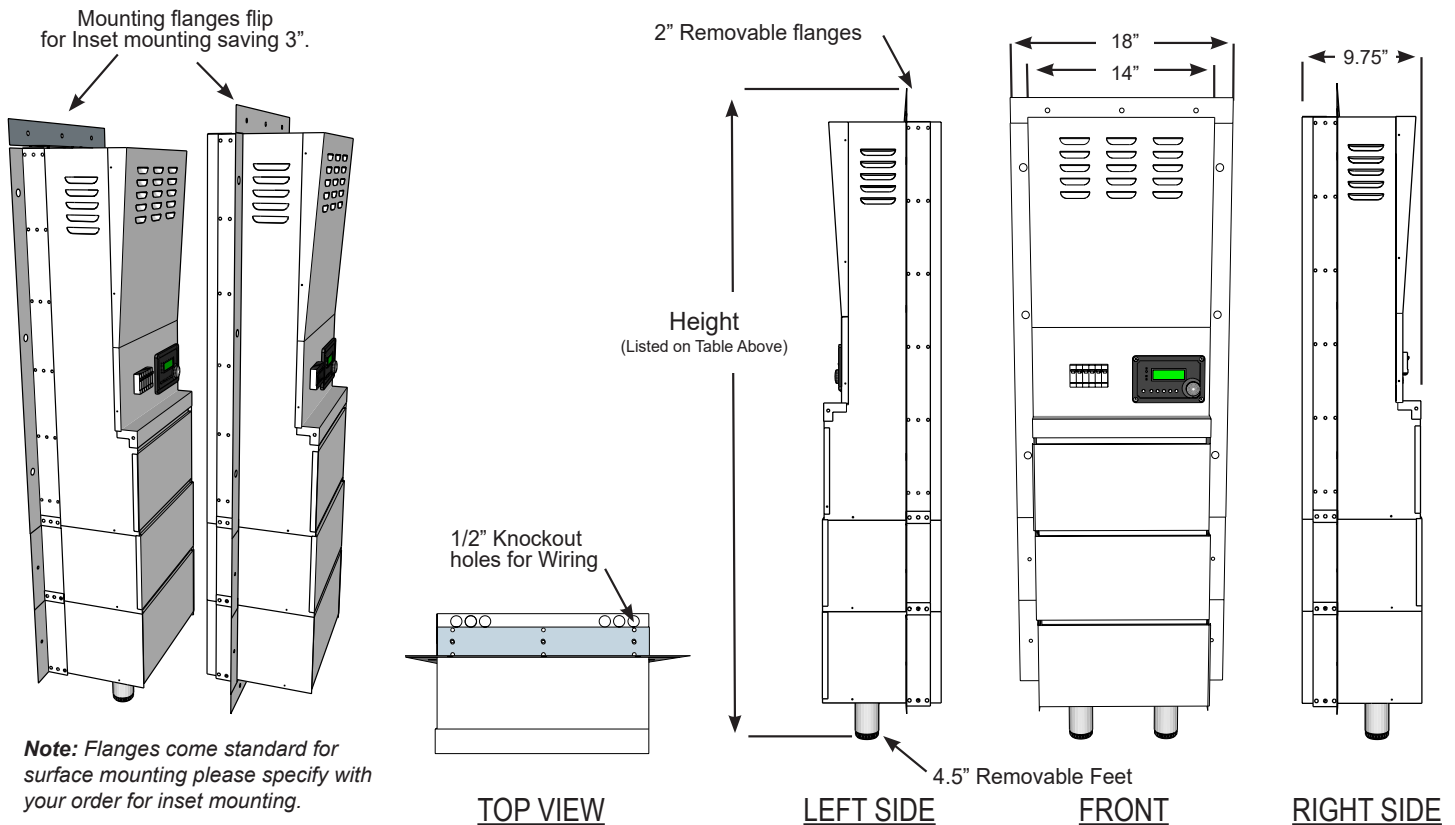
Model Numbers	Watts	Surge Watts	KWH	Waveform	Height (In)	Weight (lbs)	Output Breakers	Voltage	Input Circuit
SSH2020V SHCS2020V	2000	4000	2.4	Modified	43.00	300	3 (20 Amp)	120	30 Amp
SSH2030V SHCS2030V	2000	4000	3.6	Modified	54.50	380	3 (20 Amp)	120	30 Amp
SSH2040V SHCS2040V	2000	4000	4.8	Modified	62.25	460	3 (20 Amp)	120	30 Amp
SSH2060V SHCS2060V	2000	4000	7.2	Modified	77.75	630	3 (20 Amp)	120	30 Amp
SSH2080V SHCS2080V	2000	4000	9.6	Modified	93.25	800	3 (20 Amp)	120	30 Amp
SSH3020V SHCS3020V	3000	6000	2.4	Modified	43.00	300	4 (20 Amp)	120	30 Amp
SSH3030V SHCS3030V	3000	6000	3.6	Modified	54.25	380	4 (20 Amp)	120	30 Amp
SSH3040V SHCS3040V	3000	6000	4.8	Modified	62.25	460	4 (20 Amp)	120	30 Amp
SSH3060V SHCS3060V	3000	6000	7.2	Modified	77.75	630	4 (20 Amp)	120	30 Amp
SSH3080V SHCS3080V	3000	6000	9.6	Modified	93.25	800	6 (20 Amp)	120	30 Amp
SSH4020MS SHCS4020MS	4000	8000	2.4	Pure	43.00	300	6 (20 Amp)	120/240	30 Amp
SSH4060MS SHCS4060MS	4000	8000	7.2	Pure	77.75	630	6 (20 Amp)	120/240	30 Amp
SSH4440MS SHCS4440MS	4400	8800	4.8	Pure	62.25	460	6 (20 Amp)	120/240	30 Amp
SSH4480MS SHCS4480MS	4400	8800	9.6	Pure	93.25	800	6 (20 Amp)	120/240	30 Amp

**4000 & 4400 Watt Systems being supplied with 208 volts, will require an Isolation Transformer (Recommended: Hammond Model C1F005GES)**

**Note:** SSH and SHCS models are the same configuration. SHCS models support cold storage appliances, SSH models are for all other applications.

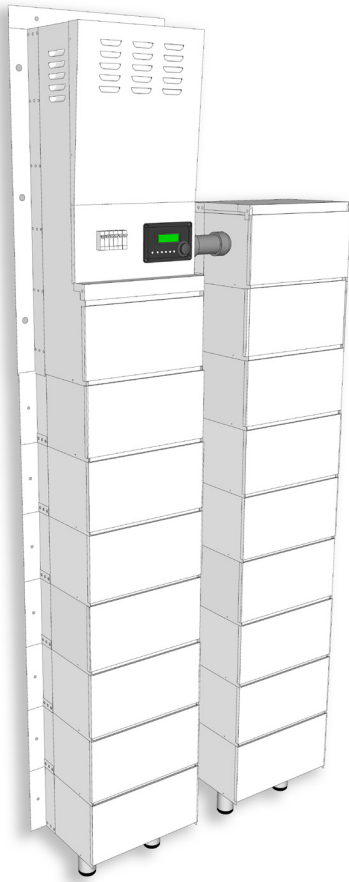
**Heat Output:** Full Bulk Charge Mode: 1450 BTU per hr  
 Inverting @ Full Rated Wattage: 2250 BTU per hr  
 Inverting @ 0 Watts: 85 BTU per hr

## UNIT DIMENSIONS

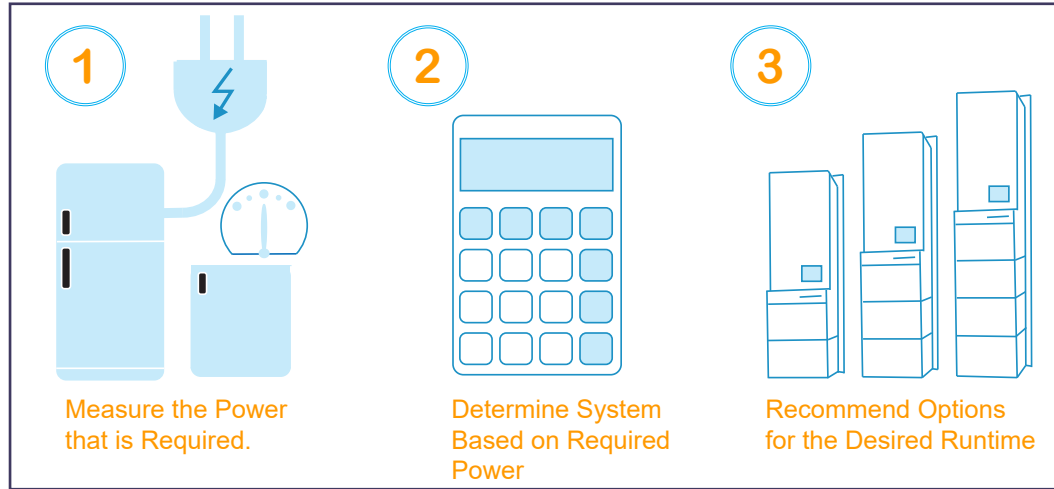


# HARDWIRE SYSTEMS

## SILENT SENTRY SSH & SHCS - Systems Larger than 66 Watt Hours



### Modular Cabinet Design Offers a Customizable Solution:

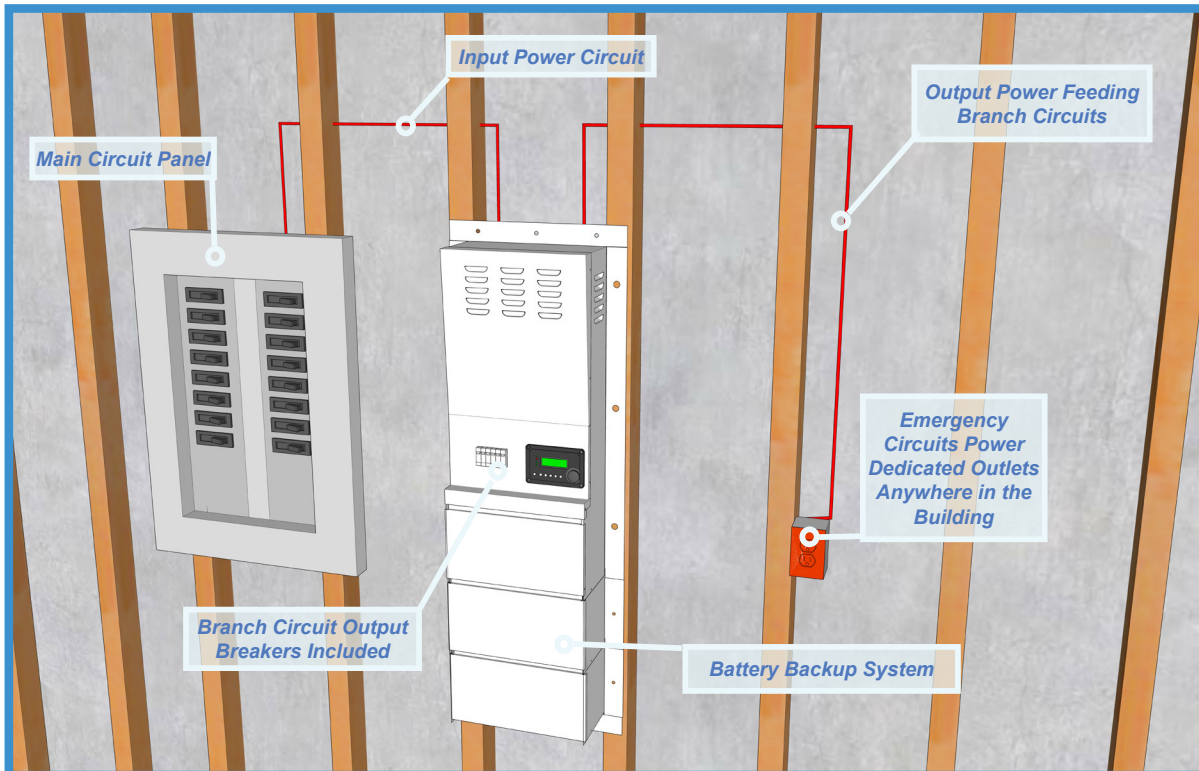


### Applications:

- - 80° Freezers
- Vaccine Refrigerators
- Fume Hoods
- Sensitive Lab Equipment
- Operating Room Equipment
- Incubators
- Histology Equipment
- Imaging Equipment
- Mission Critical Medical Devices

### Features:

- Internal Transfer Switch
- Branch Output Circuit Breakers
- Digital Control LCD Screen
- 2 Year Warranty
- 4 Year Prorated Battery Warranty
- Space Saving Design
- No Ventilation Necessary
- No Exhaust or Fumes
- Auto Transfers in less than 1 Sec.
- Low Battery Alarm
- Installs Anywhere Within Your Facility

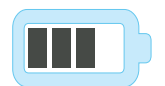


### OPTIONS:



#### Power Outage Alert:

The optional power outage alert system calls you when a power outage occurs. This feature offers you peace of mind and better control when dealing with power failures.



#### Battery Monitor Kit:

The optional battery monitor kit enables you to remotely monitor the battery during a power outage via the internet, by offering an estimated runtime based upon the rate of discharge.

# HARDWIRE SYSTEMS

## SILENT SENTRY SSH & SHCS - Systems Larger than 66 Watt Hours

Model Numbers	Watts	Surge Watts	KWH	Waveform	Height (In)	Weight (lbs)	Width (In)	Cabinets
SSH20120V SHCS20120V	2000	4000	14.4	Modified	77.75	1200	38.00	2
SSH20160V SHCS20160V	2000	4000	19.2	Modified	93.25	1560	38.00	2
SSH40120MS SHCS40120MS	4000	8000	14.4	Modified	77.75	1200	38.00	2
SSH40180MS SHCS40180MS	4000	8000	21.6	Modified	77.75	1770	58.00	3
SSH44160MS SHCS44160MS	4400	8800	19.2	Modified	93.25	1560	38.00	2
SSH44240MS SHCS44240MS	4400	8800	28.8	Modified	93.25	2320	58.00	3
SSH44320MS SHCS44320MS	4400	8800	38.4	Modified	93.25	3120	78.00	4

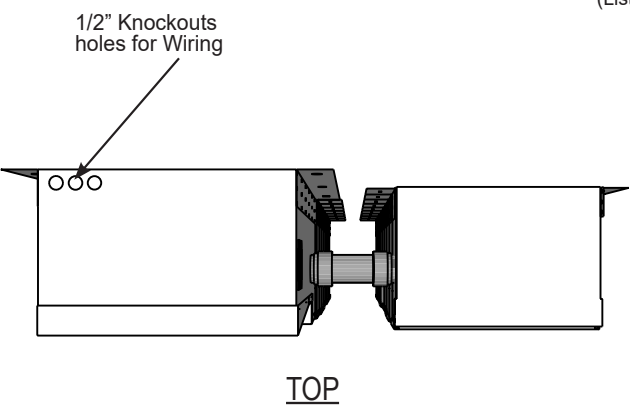
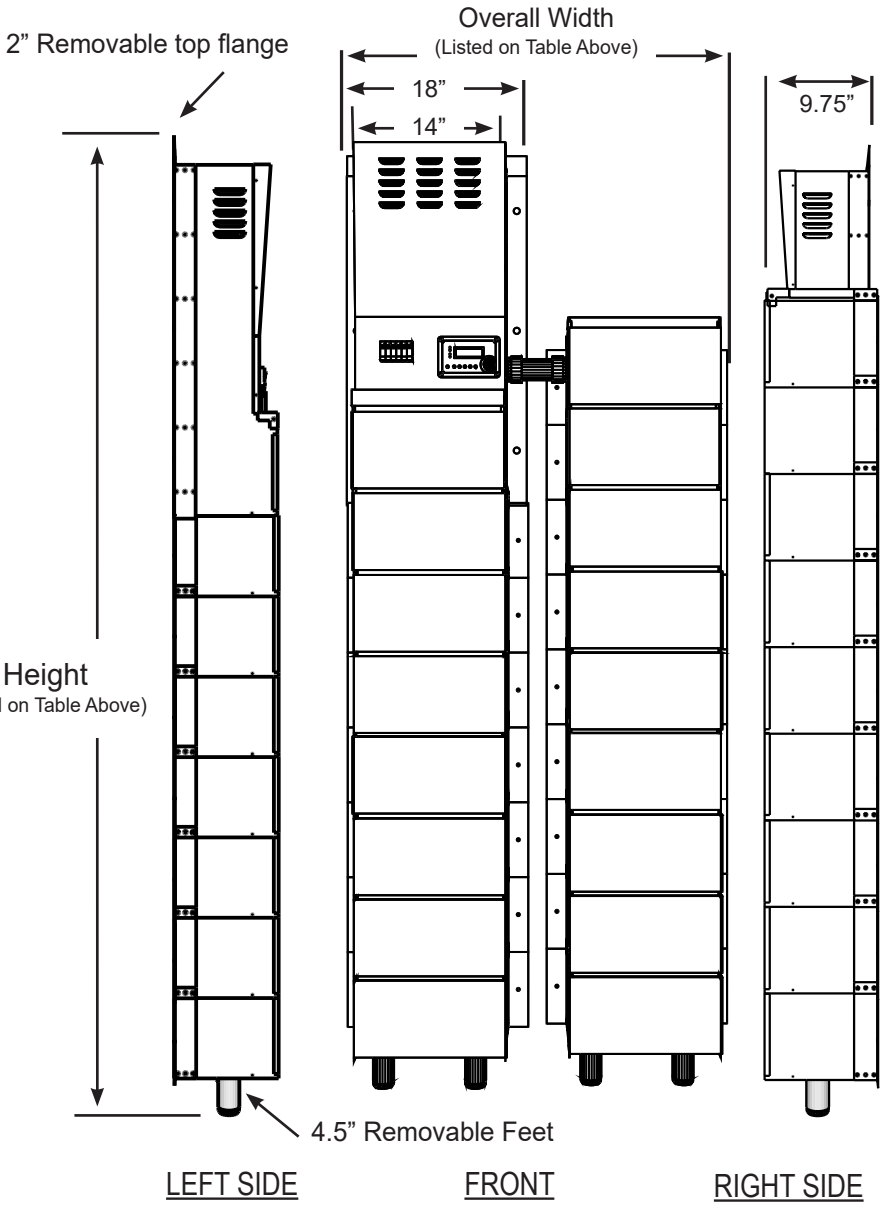
4000 & 4400 Watt Systems being supplied with 208 volts, will require an Isolation Transformer (Recommended: Hammond Model C1F005GES)

**Note:**  
 SSA and SACS models are the same configuration.  
 SACS models support cold storage appliances, SSA models are for all other applications.

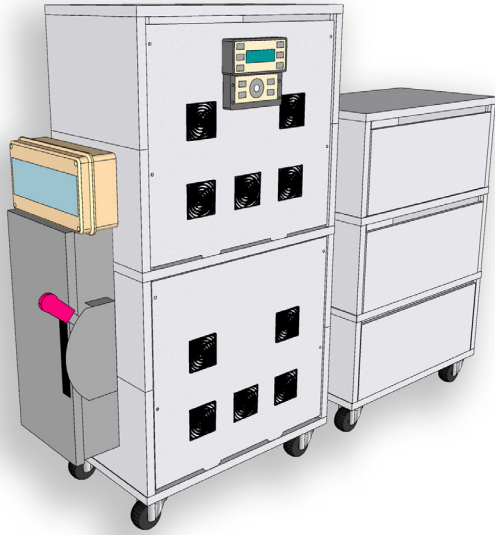
**Heat Output:**  
 Full Bulk Charge Mode: 1450 BTU per hr  
 Inverting @ Full Rated Wattage: 2250 BTU per hr  
 Inverting @ 0 Watts: 85 BTU per hr

System Wattage	Voltage	Input Circuit	Output Breakers
2000	120	20 Amp	3 (20 Amp Single)
4000	120 or 240	30 Amp	6 (20 Amp Single)
4400	120 or 240	30 Amp	6 (20 Amp Single)

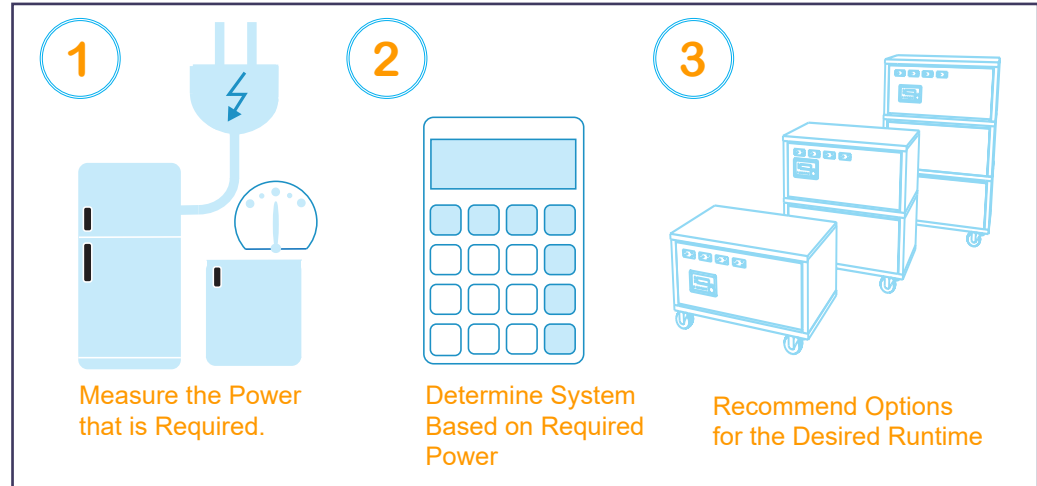
### UNIT DIMENSIONS



# Reassurance - 3 Phase UPS



## Modular Cabinet Design Offers a Customizable Solution:



### Applications:

- -80° Freezers
- Vaccine Refrigerators
- Fume Hoods
- Sensitive Lab Equipment
- Operating Room Equipment
- Incubators
- Histology Equipment
- Imaging Equipment
- Mission Critical Medical Devices

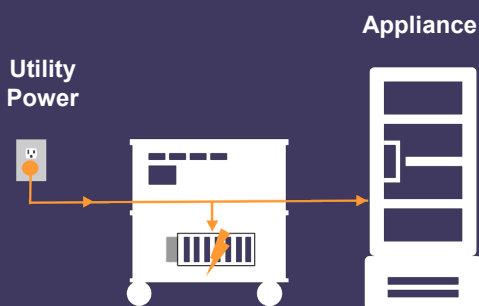
### Features:

- Internal Transfer Switch
- 4 Duplex Outlets
- Digital Control LCD Screen
- 2 Year Warranty
- 4 Year Prorated Battery Warranty
- Space Saving Design
- No Ventilation Necessary
- No Exhaust or Fumes
- Auto Transfers in less than 1 Sec.

## HOW OUR SYSTEMS WORK:

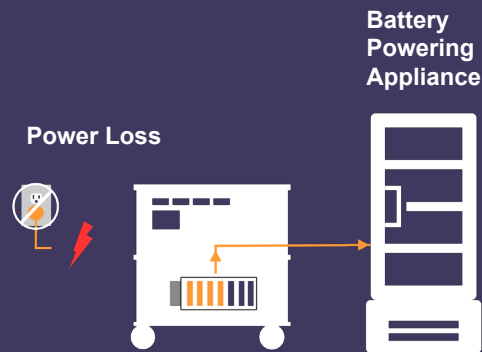
### STANDBY MODE

Utility power charges the system and flows through to power the appliance.



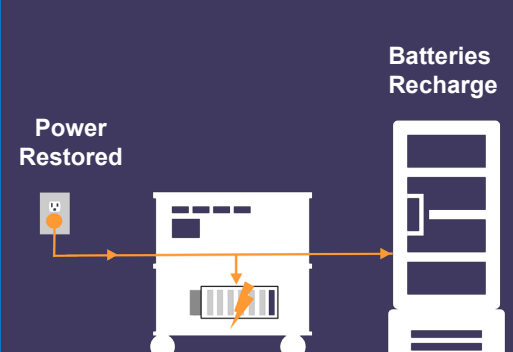
### POWER OUTAGE

When utility power is lost the system auto transfers to draw from the battery bank within a second



### RECHARGE MODE

When utility power is restored the system auto transfers back to utility power.





# Reassurance - 3 Phase UPS

## ELECTRICAL INFORMATION:

Model Numbers	Wattage	Voltage	Surge Watts	Hook-Up	Input Amps	Output	Conduit
MD15KW122V-3PH	15,000	208	30,000	6 Gauge 4 Conductor	60 Amps	60 Amp	1" PVC Flex
MD21.6KW120O-3PH	21,600	208	43,200	6 Gauge 4 Conductor	60 Amp	60 Amp	1" PVC Flex
MD21.6KW240O-3PH	21,600	208	43,200	6 Gauge 4 Conductor	60 Amp	60 Amp	1: PVC Flex

## SYSTEM SIZE

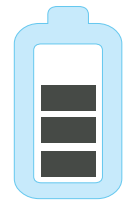
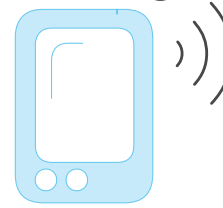
Model Numbers	Waveform	Width	Depth	Height (In)	Weight (lbs)	Carts
MD15KW122V-3PH	Pure	68.00"	18.00"	55.00"	1575.	2
MD21.6KW120O- 3PH	Pure	68.00"	18.00"	55.00"	1575	2
MD21.6KW240O-3PH	Pure	98.00"	18.00"	55.00"	2615	3

## OTHER OPTIONS:

**Notes:** All systems are Standard 120 Volts any 240 Volts systems will need specified with the order.

All systems being supplied with 208 volts will require an isolation transformer: C1F005GES

**Heat Output:** Full Bulk Charge Mode: 1450 BTU per hr  
Inverting @ Full Rated Wattage: 2250 BTU per hr  
Inverting @ 0 Watts: 85 BTU per hr



### Power Outage Alert:

The optional power outage alert system calls you when a power outage occurs. This feature offers you peace of mind and better control when dealing with power failures.

### Battery Monitor Kit:

The optional battery monitor kit enables you to remotely monitor the battery during a power outage via the internet, by offering an estimated runtime based upon the rate of discharge.

## UNIT DIMENSIONS

