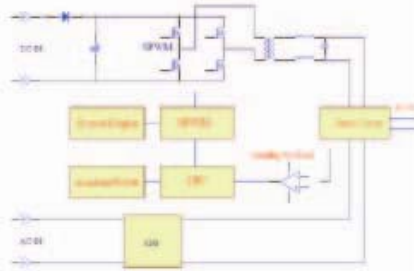




## Features

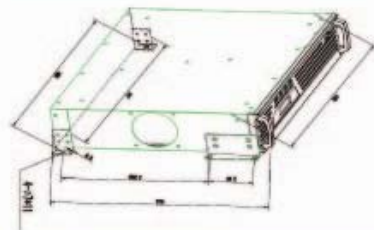
- With micro-CPU control, an intelligence model product, good designing and reliability are the advantages.
- Adopting SPWM technology, with the output of stabilized voltage and frequency, pure sine-wave.
- Good compatibility, built-in by-pass switch, high overload feature for reliable and continuous power supply.
- With the excellent designing, can be auto switched to bypass on the running state, its easy to maintain and replace the battery without effecting load power supply.
- Support network communication system, power working state can be monitored by the supervision software.
- Two dry connectors which can be used for DC input fault checking and AC output problem warning.
- In case there is battery voltage high/low or overload, the overload warning shutdown output, when battery voltage recovers normal, battery voltage recovers; power supply output will auto recovers in 50 seconds after overload off. This function is very suitable for the communication station in which there is no person on duty.



## 2 work types

- ◇ AC power type means the city power supply is main when the city power is normal, when city power is off, inverter comes into work state.
- ◇ DC power type means the inverter power supply is main when the city power is normal, when inverter power is off, city power comes into work state automatically.

## Wall mountable



## 2-year warranty

SETEC inverters are covered by 2-year warranty.

## SET XX/220- XK L C

- C.....LCD display
- L.....19 Inch Rack Type
- XK... ..Power (VA)
- 220.....AC Output Voltage
- XX.....DC Input Voltage
- SET.....SETEC



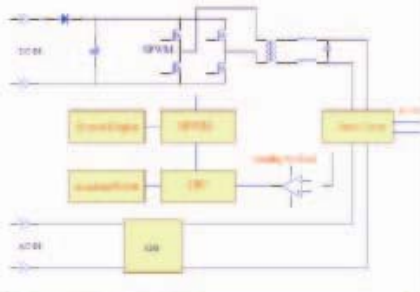
## Specification

Output power		1KVA	2KVA	3KVA	4KVA
Run mode		Pure inverter/online interactive			
DC Input	Rated input voltage	24V/48V		48V	
	Rated input current (A)	50/24	100/48	72	96
	Turn-off voltage range	20V-30V / 42V-59V			
	Turn-on voltage range	22V-28V / 45V-57V			
	Anti-noise current irigation	≤10%			
AC Input	Bypass voltage (v)	265-185 (±10V)			
	Rated input current (A)	5.4	10.8	16.2	21.6
	Bypass transfer time (ms)	≤5ms			
AC Output	Power factor	0.7 and 0.8			
	Rated capacity	1000VA	2000VA	3000VA	4000VA
	Rated output power	800W	1400W/1800W	2400W	3200W
	Rated output voltage and frequency	220Vac, 50Hz			
	Wave shape	Pure sine wave			
	Rated output current	3.6A	6.4/7.2A	9.5/10.8A	14.5A
	Output voltage accuracy	220 V ± 1.5%			
	Output frequency accuracy	50Hz ± 0.1%			
	Waveform distortion	≤3%			
	Dynamic Response Time	0.05			
	Overload	120%, 30s			
Work environment	Inverter efficiency (80% Resistive load)	≥85%			
	Dielectric Strength	Input & output 1500Vac, 1min			
	Noise (1m)	≤40dB			
	Ambient temperature	-25℃~+50℃			
	Humidity	0~95%, Non-condensing			
	Altitude (m)	≤1500			
Interface communication interface	Cooling	Forced air			
	HMI	LCD+LED display			
	Communication interface	RS232 or RS485 or RJ45 (choose one)			
	dry contact load output	2ch /3 ch output ( Choose one)			
	TCP/IP network interface	Optional			
Protection	Input undervoltage, overvoltage; output overload, short circuit protection, AC input high and low voltage protection				
Output wiring	Sockets and terminals		Terminal Blocks		
Certification	CE				



## Features

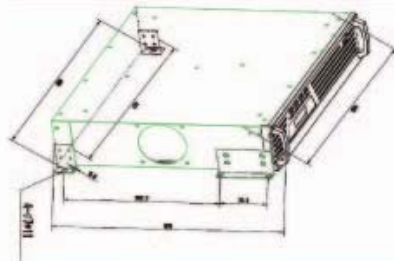
- With micro-CPU control, an intelligence model product, good designing and reliability are the advantages.
- Adopting SPWM technology, with the output of stabilized voltage and frequency, pure sine-wave.
- Good compatibility, built-in by-pass switch, high overload feature for reliable and continuous power supply.
- With the excellent designing, can be auto switched to bypass on the running state, its easy to maintain and replace the battery without effecting load power supply.
- Support network communication system, power working state can be monitored by the supervision software.
- Two dry connectors which can be used for DC input fault checking and AC output problem warning.
- In case there is battery voltage high/low or overload, the overload warning shutdown output, when battery voltage recovers normal, battery voltage recovers; power supply output will auto recovers in 50 seconds after overload off. This function is very suitable for the communication station in which there is no person on duty.



## 2 work types

- ◇ AC power type means the city power supply is main when the city power is normal, when city power is off, inverter comes into work state.
- ◇ DC power type means the inverter power supply is main when the city power is normal, when inverter power is off, city power comes into work state automatically.

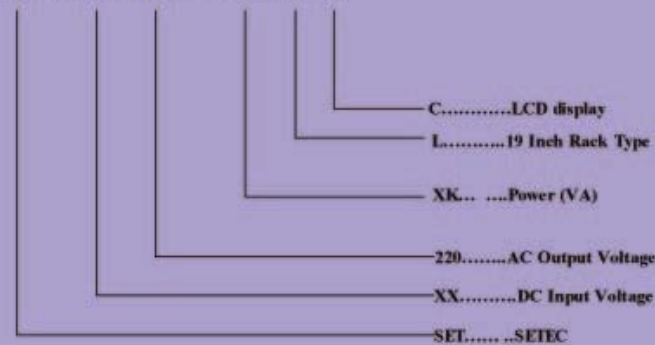
## Wall mountable



## 2-year warranty

SETEC inverters are covered by 2-year warranty.

## SET XX/220- XK L C



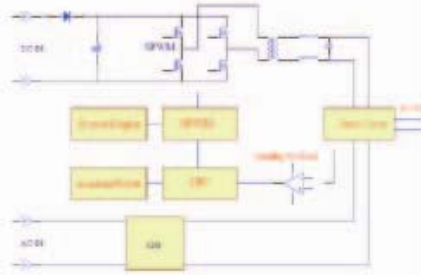
## Specification

Output power		1KVA	2KVA	3KVA
Run mode		Pure inverter/online interactive		
DC Input	Rated input voltage	110V/220V		
	Rated input current (A)	10.6/5.3	21.3/10.5	32/15.8
	Turn-off voltage range	94V-132V / 190V-270V		
	Turn-on voltage range	101V-127V / 207V-260V		
	Anti-noise current irrigation	≤10%		
AC Input	Bypass voltage (v)	265~185 (±10V)		
	Rated input current (A)	5.4	10.8	16.2
	Bypass transfer time (ms)	≤5ms		
AC Output	Power factor	0.7 and 0.8		
	Rated capacity	1000VA	2000VA	3000VA
	Rated output power	800W	1400W/1600W	2100W/2400
	Rated output voltage and frequency	220Vac, 50Hz		
	Wave shape	Pure sine wave		
	Rated output current	3.6A	6.4/7.2A	9.5/10.8A
	Output voltage accuracy	220 V±1.5%		
	Output frequency accuracy	50Hz±0.1%		
	Waveform distortion	≤3%		
	Dynamic Response Time	0.05		
	Overload	120%, 30s		
Work environment	Inverter efficiency (80% Resistive load)	≥85%		
	Dielectric Strength	Input & output 1500Vac, 1min		
	Noise (1m)	≤40dB		
	Ambient temperature	-25℃~+50℃		
	Humidity	0~95%, Non-condensing		
	Altitude (m)	≤1500		
Interface communication interface	Cooling	Forced air		
	HMI	LCD+LED display		
	Communication interface	RS232 or RS485 or RJ45 (choose one)		
	dry contact load output	2ch /3 ch output (Choose one)		
Protection	TCP/IP network interface	Optional		
	Protection	Input undervoltage, overvoltage; output overload, short circuit protection; AC input high and low voltage protection		
Output wiring	Sockets and terminals		Terminal Blocks	
Certification	CE			



## Features

- With micro-CPU control, an intelligence model product, good designing and reliability are the advantages.
- Adopting SPWM technology, with the output of stabilized voltage and frequency, pure sine-wave.
- Good compatibility, built-in by-pass switch, high overload protection for reliable and continuous power supply.
- With the excellent designing, can be auto switched to bypass on the running state, its easy to maintain and replace the battery without effecting load power supply.
- Support network communication system, power working state can be monitored by the supervision software.
- Two dry connectors which can be used for DC input fault checking and AC output problem warning.
- In case there is battery voltage high/low or overload, the overload warning shutdown output, when battery voltage recovers normal, battery voltage recovers; power supply output will auto recovers in 50 seconds after overload off. This function is very suitable for the communication station in which there is no person on duty.



## 2 work types

- ◇ AC power type means the city power supply is main when the city power is normal, when city power is off, inverter comes into work state.
- ◇ DC power type means the inverter power supply is main when the city power is normal, when inverter power is off, city power comes into work state automatically.

## 2 versions

- ☆ Rack version.
- ☆ Tower version, easy to move.



## 2-year warranty

SETEC inverters are covered by 2-year warranty.

## SET XX/220- XK L C



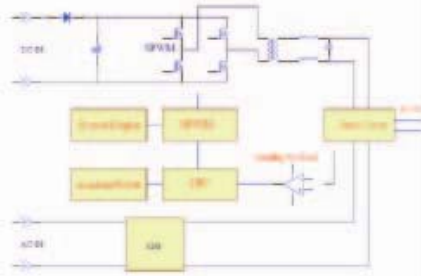
## Specification

Output power		3KVA	4KVA	5KVA	6KVA	7KVA
Run mode		Pure inverter/online interactive				
DC Input	Rated input voltage	24V		48V		
	Rated input current (A)	150	200	119	143	167
	Turn-off voltage range	20V-30V / 42V-59V				
	Turn-on voltage range	22V-28V / 45V-57V				
	Anti-noise current irrigation	≤10%				
AC Input	Bypass voltage (v)	285-185 (±10V)				
	Rated input current (A)	16.2	21.6	27	32.4	37.8
	Bypass transfer time (ms)	≤5ms				
AC Output	Rated capacity	3000VA	4000VA	5000VA	6000VA	7000VA
	Rated output power	2400W	2800W	3500W	4200W	4900W
	Rated output voltage and frequency	220Vac, 50Hz				
	Wave shape	Pure sine wave				
	Rated output current	10.9A	12.7A	16A	19.1A	22.3A
	Output voltage accuracy	220 V ± 1.5%				
	Output frequency accuracy	50Hz ± 0.1%				
	Waveform distortion	≤3%				
	Dynamic Response Time	0.05				
	Power factor	0.7				
	Overload	120%, 30s				
Efficiency (80% Resistive load)	≥85%					
Work environment	Dielectric Strength	Input & output 1500Vac, 1min				
	Noise (1m)	≤40dB				
	Ambient temperature	-25°C~+50°C				
	Humidity	0-90%, Non-condensing				
	Altitude (m)	≤1000				
Cooling	Forced air					
Interface communication interface	HMI	LCD+LED display				
	Communication interface	RS232 or RS485 or RJ45 (choose one)				
	dry contact load output	2ch / 3 ch output (Choose one)				
	TCP/IP network interface	Optional				
Protection	Input undervoltage, overvoltage, output overload, short circuit protection, AC input high and low voltage protection					
Output wiring	Terminal Blocks					
Certification	CE					



## Features

- With micro-CPU control, an intelligence model product, good designing and reliability are the advantages.
- Adopting SPWM technology, with the output of stabilized voltage and frequency, pure sine-wave.
- Good compatibility, built-in by-pass switch, high overload feature for reliable and continuous power supply.
- With the excellent designing, can be auto switched to bypass on the running state, its easy to maintain and replace the battery without effecting load power supply.
- Support network communication system, power working state can be monitored by the supervision software.
- Two dry connectors which can be used for DC input fault checking and AC output problem warning.
- In case there is battery voltage high/low or overload, the overload warning shutdown output, when battery voltage recovers normal, battery voltage recovers; power supply output will auto recovers in 50 seconds after overload off. This function is very suitable for the communication station in which there is no person on duty.



## 2 work types

- ◇ AC power type means the city power supply is main when the city power is normal, when city power is off, inverter comes into work state.
- ◇ DC power type means the inverter power supply is main when the city power is normal, when inverter power is off, city power comes into work state automatically.

## 2 versions

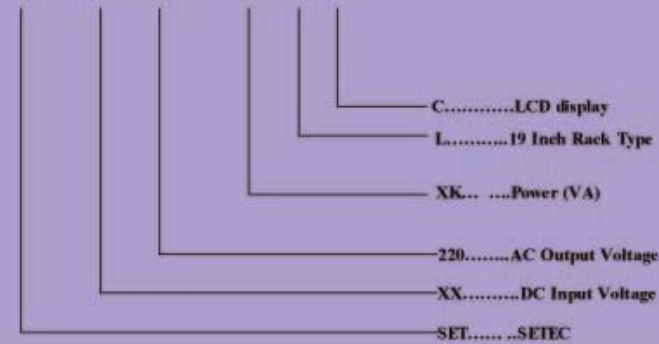
- ☆ Rack version.
- ☆ Tower version, easy to move.



## 2-year warranty

SETEC inverters are covered by 2-year warranty.

## SET XX/220- XK L C



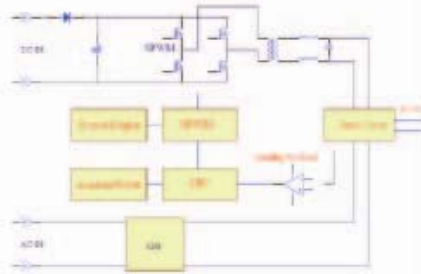
## Specification

Output power		4KVA	5KVA	6KVA	7KVA	8KVA	9KVA	10KVA
Run mode		Pure inverter/online interactive						
DC Input	Rated input voltage	110V/220V						
	Rated input current (A)	42.6/21.1	53.2/26.3	63.8/31.6	74.5/36.8	85.1/42.1	95.7/47.4	106.4/52.6
	Turn-off voltage range	94V-132V / 190V-270V						
	Turn-on voltage range	101V-127V / 207V-260V						
	Anti-noise current irrigation	≤ 10%						
AC Input	Bypass voltage (v)	285-185 (±10V)						
	Rated input current (A)	21.6	27	32.4	37.8	43.2	48.6	54.1
	Bypass transfer time (ms)	≤ 5ms						
AC Output	Rated capacity	4000VA	5000VA	6000VA	7000VA	8000VA	9000VA	10000VA
	Rated output power	2800W	3500W	4200W	4900W	5600	6300W	7000W
	Rated output voltage and frequency	220Vac. 50Hz						
	Wave shape	Pure sine wave						
	Rated output current	12.7A	16A	19.1A	22.3A	25.5A	28.6A	31.8A
	Output voltage accuracy	220 V ± 1.5%						
	Output frequency accuracy	50Hz ± 0.1%						
	Waveform distortion	≤ 3%						
	Dynamic Response Time	0.05						
	Power factor	0.7						
	Overload	120%. 30s						
Work environment	Efficiency (80% Resistive load)	≥ 85%						
	Dielectric Strength	Input & output 1500Vac. 1min						
	Noise (1m)	≤ 40dB						
	Ambient temperature	-25°C → +50°C						
	Humidity	0-90%. Non-condensing						
	Altitude (m)	≤ 1000						
Interface communication interface	Cooling	Forced air						
	HMI	LCD+LED display						
	Communication interface	RS232 or RS485 or RJ45 (choose one)						
	dry contact load output	2ch / 3 ch output (Choose one)						
	TCP/IP network interface	Optional						
Protection	Input undervoltage, overvoltage; output overload, short circuit protection; AC input high and low voltage protection							
Output wiring	Terminal Blocks							
Certification	CE							



## Features

- With micro-CPU control, an intelligence model product, good designing and reliability are the advantages.
- Adopting SPWM technology, with the output of stabilized voltage and frequency, pure sine-wave.
- Good compatibility, built-in by-pass switch, high overload protection and continuous power supply.
- With the excellent designing, can be auto switched to bypass on the running state, its easy to maintain and replace the battery without effecting load power supply.
- Support network communication system, power working state can be monitored by the supervision software.
- Two dry connectors which can be used for DC input fault checking and AC output problem warning.
- In case there is battery voltage high/low or overload, the overload warning shutdown output, when battery voltage recovers normal, battery voltage recovers; power supply output will auto recovers in 50 seconds after overload off. This function is very suitable for the communication station in which there is no person on duty.



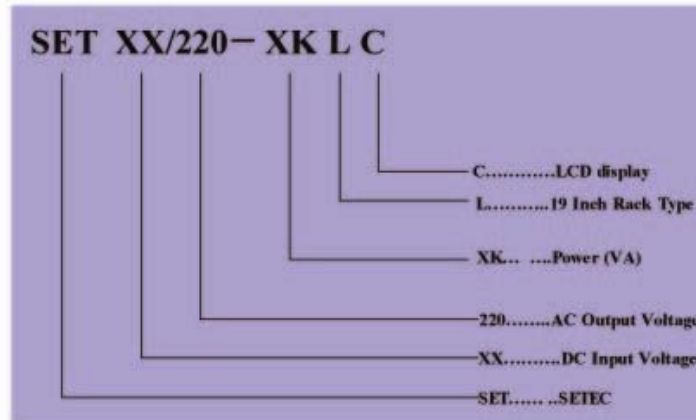
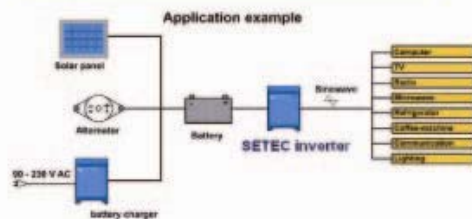
## 2 work types

- ◇ AC power type means the city power supply is main when the city power is normal, when city power is off, inverter comes into work state.
- ◇ DC power type means the inverter power supply is main when the city power is normal, when inverter power is off, city power comes into work state automatically.

## 2-year warranty

SETEC inverters are covered by 2-year warranty.

## Application



## Specification

Output power		5KVA	6KVA	7KVA	8KVA	9KVA	10KVA
Run mode		Pure inverter/online interactive					
DC Input	Rated input voltage	24V			24V/48V		
	Rated input current(A)	250	300	350	400/190.5	450/214.3	500/238
	Turn-off voltage range	20V-30V / 42V-59V					
	Turn-on voltage range	22V-28V / 45V-57V					
	Anti-noise current irrigation	≤10%					
AC Input	Bypass voltage (v)	265~185 (±10V)					
	Rated input current (A)	27	32.4	37.8	43.2	48.6	54.1
Bypass transfer time (ms)		≤5ms					
AC Output	Rated capacity	5000VA	6000VA	7000VA	8000VA	9000VA	10000VA
	Rated output power	3500W	4200W	4900W	5600W	6300W	7000W
	Rated output voltage and frequency	220Vac, 50Hz					
	Wave shape	Pure sine wave					
	Rated output current	15.9A	19.1A	22.3A	25.5A	28.6A	31.8A
	Output voltage accuracy	220 V ±1.5%					
	Output frequency accuracy	50Hz ±0.1%					
	Waveform distortion	≤3%					
	Dynamic Response Time	0.05					
	Power factor	0.7					
Overload		120%, 30s					
Efficiency (80% Resistive load)		≥85%					
Work environment	Dielectric Strength	Input & output 1500Vac, 1min					
	Noise (1m)	≤40dB					
	Ambient temperature	-25℃~+50℃					
	Humidity	0~90%, Non-condensing					
	Altitude (m)	≤1000					
	Cooling	Forced air					
Interface communication interface	HMI	LCD+LED display					
	Communication interface	RS232 or RS485 or RJ45 (choose one)					
	dry contact load output	2ch /3 ch output (Choose one)					
	TCP/IP network interface	Optional					
Protection		Input undervoltage, overvoltage; output overload, short circuit protection; AC input high and low voltage protection					
Output wiring		Terminal Blocks					