

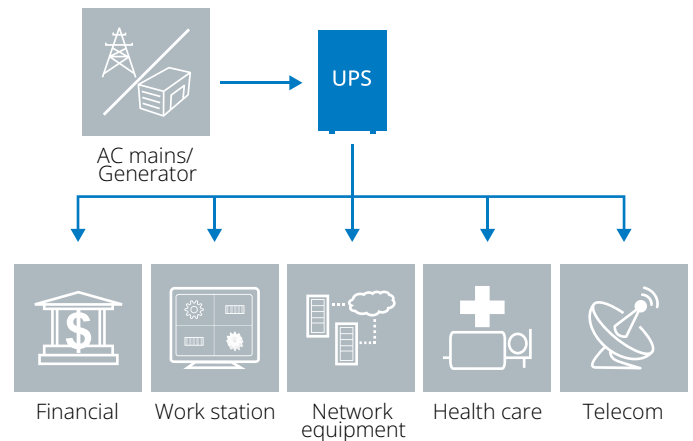
## EssentialPower XST 1-3KVA



### Key features

- True double-conversion design with high adaptability to harsh mains conditions
- 1K/1KS/2K/2KS/3K/3KS various offer.
- Various battery configuration: 1K 24V/36V, 2K 48VDC/72VDC, 3K 72VDC
- 0.9 output power factor with up to 12.5% more power offer than traditional 0.8pf.
- Optional EBM for flexible backup time configuration.
- Compact size requiring small installation space
- Programmable LCD display for quick UPS parameters configuration
- Various communication for easy management: RS232/USB, EPO, mini slot
- Certificates CE

### Typical application



### Rear panel



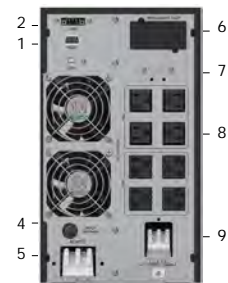
Essential XST 1K(S)-HV

1. RS232
2. EPO/ROO
3. USB



Essential XST 2K(S)-HV

4. Input circuit breaker
5. AC input
6. Intelligent card slot



Essential XST 3K(S)-HV

7. External battery connector
8. Output terminal
9. Output terminal block

## Product specification

MODEL	Product Line	EssentialPower XST 1-3KVA					
		1K	1KS	2K	2KS	3K	3KS
CAPACITY	VA/W	1000VA/900W		2000VA/1800W		3000VA/2700W	
INPUT	Rated Voltage	208V/220/230/240VAC, 230V default					
	Input Voltage Range	100 ~ 300 VAC					
	Frequency Range	45~55 Hz/54~66 Hz					
	Input Wiring	Single Phase with Ground					
OUTPUT	Output Power Factor	0.9					
	Nominal Output Voltage	208V/220/230/240VAC, 230V default					
	Voltage Regulation	±1%					
	Frequency Range ( Battery Mode )	50/60Hz ±0.05Hz					
	Over Load	100%~105% continuous. 60Sec.@105%~130% Rated Load					
	Voltage Distortion (THDv)	<2% @ linear load					
	Output Waveform	Pure Sine Wave					
	Parallel Operation	N/A					
EFFICIENCY	Inverter Mode	89%		90%		91%	
BATTERY	Battery Type	VRLA	VRLA	VRLA	VRLA	VRLA	VRLA
	Battery	12V / 9Ah	N/A	12V / 9Ah	N/A	12V / 9Ah	N/A
	Number of Internal Battery	2	N/A	4	N/A	6	N/A
	Rated Battery Voltage	24VDC	36VDC	48VDC	72VDC	72VDC	72VDC
	Charging Current	1A	4A	1A	4A	1A	4A
	Recharging time (90%)	5 hours	N/A	5 hours	N/A	5 hours	N/A
TRANSFER TIME	Battery Mode <=> Inverter Mode	0ms					
	Inverter Mode <=> Bypass Mode	<4ms					
	ECO Mode <=> Battery Mode	<10ms					
DISPLAY		Segment LCD					
AUDIBLE ALARM		Yes					
DIMENSION	W x H x D (mm)	144×224×325		190×323×368			
ENVIRONMENT	Operating Temperature	0~40 °C					
	Regulation	CE					
	Noise Level	<50dB (ISO 7779&At front 1m distance, without buzzer)					
INTERFACE	RS232/USB	Yes					
	External Slot	Yes, for optional NMC Card/CMC Modbus Card/AS400 Card					
	Emergency Power Off	Yes					

\* Due to continuous product improvement programs, specifications are subject to change without notice.

