

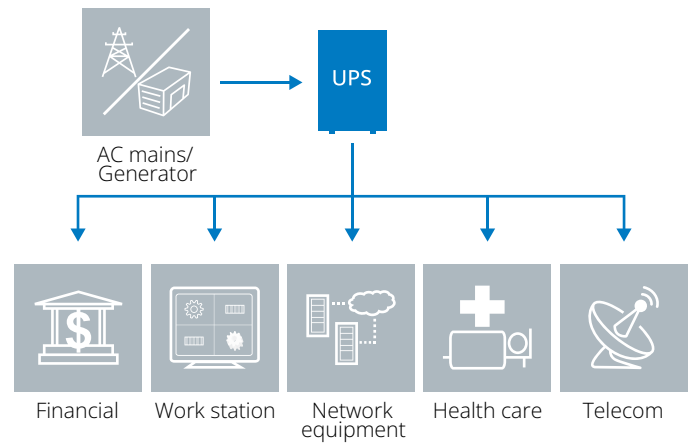
# EssentialPower XSRT 1-10KVA



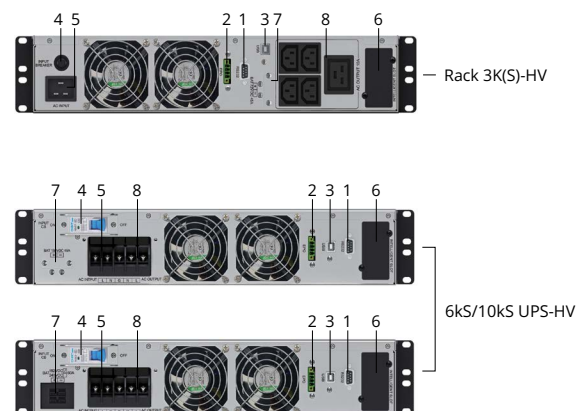
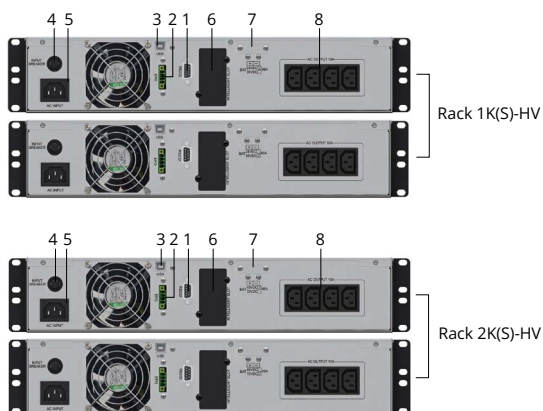
## Key features

- True double-conversion design with high adaptability to harsh mains conditions
- 0.9 output power factor with up to 12.5% more power offer than traditional 0.8pf.
- 2U short depth compact size for space saving.
- Programmable LCD display for quick UPS parameters configuration
- Optional 2U EBM (Extended Battery Module) available for battery expansion
- Various communication for easy management: RS232/USB, EPO, mini slot
- Certificates CE

## Typical application



## Rear panel



1. RS232
2. EPO/ROO
3. USB

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

7. External battery connector
8. Ac output

# Product specification

MODEL	Product Line	EssentialPower XSRT 1-10KVA							
		1K	1KS	2K	2KS	3K	3KS	6KS	10KS
CAPACITY	VA/W	1000VA/900W		2000VA/1800W		3000VA/2700W		6000VA/5400W	10000VA/900W
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						100%~105% continuous. 10min.@105%~125% Rated Load	
	Voltage Distortion (THDv)	<2% @ linear load							
	Output Waveform	Pure Sine Wave							
	Parallel Operation	N/A							
EFFICIENCY	Inverter Mode	89%		90%		91%		93%	
BATTERY	Battery Type	VRLA	VRLA	VRLA	VRLA	VRLA	VRLA	VRLA	VRLA
	Battery	12V / 9Ah	N/A	12V / 9Ah	N/A	12V / 9Ah	N/A	N/A	N/A
	Number of Internal Battery	2	N/A	4	N/A	6	N/A	192 VDC default, 240VDC adjustable	192 VDC default, 240VDC adjustable
	Rated Battery Voltage	24VDC	36VDC	48VDC	72VDC	72VDC	72VDC	External Battery Depends	External Battery Depends
	Charging Current	1A	4A	1A	4A	1A	4A	4A	4A
	Recharging time (90%)	5 hours	N/A	5 hours	N/A	5 hours	N/A	N/A	N/A
TRANSFER TIME	Battery Mode <-> Inverter Mode	0ms							
	Inverter Mode <-> Bypass Mode	<4ms							
	ECO Mode <-> Battery Mode	<10ms							
DISPLAY		Programmable LCD							
AUDIBLE ALARM		Yes							
DIMENSION	W x H x D (mm)	439x88×388				439x88×640	439x88×388	438*88*498	
ENVIRONMENT	Operating Temperature	0~40 °C							
	Regulation	CE							
	Noise Level	<50dB (ISO 7779&At front 1m distance, without buzzer)						<55dB (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.

