





# Specification

Model name		EssentialPower XST 10KS 3:1	EssentialPower XST 15KS 3:1	EssentialPower XST 20KS 3:1
EMS	ESD	IEC61000-4-2, Level 3		
	RS	IEC61000-4-3, Level 3		
	EFT	IEC61000-4-4, Level 4		
	Surge	IEC61000-4-5, Level 4		
	Maintenance bypass switch	Optional		
Accessory	Input power cable	NA		
	Output power cable	NA		
	EBM cable	Yes	Yes	Yes
	RS232 cable	Yes		
	Manual	Yes		

EBM (External battery module)	Battery	192VDC, 16*2*9Ah VRLA	240VDC, 20*2*7Ah VRLA	240VDC, 20*2*7Ah VRLA
	Dimension(W*H*D) mm	225*416*589	225*416*589	225*416*589
	Weight(Kg)	95.2	115.6	115.6

## 10-20k Runtime Estimates

backup time (mins)

Load percent	25%	50%	75%	100%
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### 10KS with 192V EBM

10KS Tower+1 EBM	44.0	19.9	11.8	7.6
10KS Tower+2 EBM	106.0	44.0	27.9	19.9
10KS Tower+3 EBM	170.3	77.2	44.0	31.2
10KS tower +4 EBM	234.2	106.0	66.3	44.0

### 15KS with 240V EBM

15KS Tower+1 EBM	28.2	10.1	5.7	1.8
15KS Tower+2 EBM	75.2	28.2	15.3	10.1
15KS Tower+3 EBM	115.6	51.3	28.2	18.3
15KS tower +4 EBM	159.1	75.2	43.6	28.2

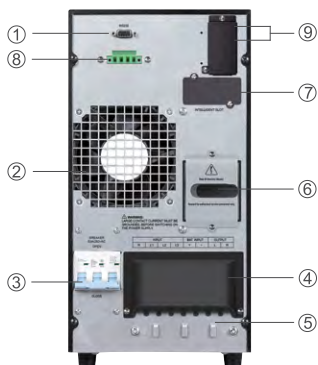
### 20KS with 240V EBM

20KS Tower+1 EBM	18.3	7.2	1.8	1.0
20KS Tower+2 EBM	51.3	18.3	10.1	7.2
20KS Tower+3 EBM	85.8	34.0	18.3	12.3
20KS tower +4 EBM	117.4	51.3	28.2	18.3

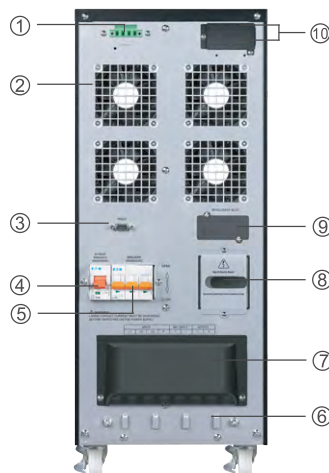
Runtimes shown at typical load with maximum power factor, are approximate and may vary with equipment, configuration, battery age, temperature, etc.



# Rear panel



**10KVA**



**15KVA/20KVA**

- ① RS232 port
- ② Fan
- ③ Input breaker
- ④ Terminal block cover
- ⑤ Wire collection shelf
- ⑥ Maintenance bypass switch (optional)
- ⑦ Communication slot box
- ⑧ EPO (optional)
- ⑨ Parallel port (optional)

- ① EPO (optional)
- ② Fan
- ③ RS232 port
- ④ Bypass breaker
- ⑤ Input breaker
- ⑥ Wire collection shelf
- ⑦ Terminal block cover
- ⑧ Maintenance bypass switch (optional)
- ⑨ Communication slot box
- ⑩ Parallel port (optional)



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