

MODEL	6KVAS	10KVAS	20KVAS
Capacity	6 kVA / 6000 W	10 kVA / 10000 W	20 kVA / 20000 W
INPUT			
Rated voltage	208 / 220 / 230 / 240 Vac		
Voltage range	110 ~ 176 Vac (linear derating between 50% and 100% load); 176 ~ 288 Vac (no derating)		
Frequency	50 / 60 Hz (auto-sensing)		
Power factor	≥ 0.99		
Bypass voltage range	- 40% ~ +15% (settable)		
OUTPUT			
Voltage	208 (PF=0.9) / 220 / 230 / 240 Vac		
	Or 110 / 115 / 120 Vac (two groups, their phase angles different by 180°)		
Voltage regulation	± 5%		
Frequency	Synchronized to bypass in mains mode; 50 / 60 Hz ± 0.1% Hz in battery mode		
Waveform	Sinusoidal		
Crest factor	3:1		
Harmonic distortion	≤ 3% (linear load); ≤ 6% (non-linear load)		
Transfer time	0 ms		
Overload capability	105% ~ 110% for 10 min, 110% ~ 125% for 1 min, 126% ~ 150% for 30 s		
BATTERIES			
DC voltage	192 Vdc (192 ~ 240 Vdc settable)		
Inbuilt battery of standard model	12 V / 7 Ah × 16	12 V / 9 Ah × 16	12 V / 9 Ah × 16 (two groups)
Charging current	1A		
Typical recharge time	90% capacity restored in 8 hours		
SYSTEM			
Efficiency	Max. 89.5% (max. 93% in ECO mode)		Max. 90% (max. 93% in ECO mode)
Communications	RS232 (standard), USB / RS485 / dry contacts / SNMP / battery temperature compensation (optional)		
OTHERS			
Humidity	0 ~ 95% (non-condensing)		
Noise level	≤ 55 dB	≤ 58 dB	
Dimensions (W×D×H) (mm)	262 × 712 × 732		350× 745× 1183
Packaged dimensions (W×D×H) (mm)	382× 825× 931		460× 890× 1366
Net/Gross weight (kg)	93.0 / 105.0	115.0 / 127.0	256.0 / 271.0