

Specifications

MODEL		3 KVA						
Capacity	3 KVA / 2700 W							
INPUT								
Rated voltage	208 V / 220 V / 230 V / 240 Vac							
Voltage range	110 ~ 176 Vac (linear derating between 50% and 100% load); 176 ~ 280 Vac (no derating); 280 ~ 300 Vac (derating 50%)							
Frequency	40 ~ 70 Hz (auto-sense)							
Power factor	≥ 0.99							
Bypass voltage range	-25% ~ +15% (settable)							
OUTPUT								
Voltage	208 V / 220 V / 230 V / 240 Vac (settable via LCD)							
Voltage regulation	± 1%							
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (synchronized range); 50 / 60 Hz ± 0.1 Hz (battery mode)							
Waveform	Sinusoidal							
Crest factor	3:1							
Harmonic distortion	≤ 2% (linear load); ≤ 5% (non-linear load)							
Transfer time	Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 4 ms (typical)							
Overload capability	105% ~ 125%: transfer to bypass in 1 min; 125% ~ 150%: transfer to bypass in 30 s; > 150%: transfer to bypass in 300 ms							
EFFICIENCY								
Mains mode	≥ 92%							
Battery mode	≥ 87%							
ECO mode	≥ 97%							
BATTERIES								
DC voltage	72 V	96 V	96 V					
Inbuilt battery	6 × 9 Ah	8 × 7 Ah	/					
Charging current (max.)	1 A		6 A					
Recharge time	8 h							
ALARMS								
Utility failure	4 s per beep							
Low battery	1 s per beep							
Overload	1 s twice beep							
UPS fault	Long beep							
COMMUNICATIONS								
RS232 (standard) / USB (optional)	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10							
SNMP (optional)	Power management from SNMP manager and web browser							
OTHERS								
Operating temperature	0 ~ 40°C							
Relative Humidity	0 ~ 90% (non-condensing)							
Noise level	≤ 50 dB (1m)							
Dimensions (W × D × H) (mm)	191 × 464 × 335	191 × 418 × 335						
Packaged dimensions (W × D × H) (mm)	320 × 573 × 471	318 × 533 × 471						
Net weight (kg)	32	11						
Gross weight (kg)	34	12.5						