

LED display
 Microprocessor-based digital control
 Boost and buck AVR for voltage stabilization
 Auto sensing frequency
 Humanized alarm system
 Power-on self test
 Cold start
 Auto restart when mains power is restored
 Simulated sine wave output
 Intelligent battery management
 Short circuit, battery overcharge / overdischarge, overload, surge protections
 Automatic charging in OFF mode
 Optional no-load shutdown
 Optional USB communication port and RJ45 protection



MODEL	800VAS		1500VAS	
Capacity		800VA 480W	1500VA 900W	
INPUT				
Voltage	100 Vac / 110 Vac / 120 Vac : 80 ~ 150Vac			
Frequency	50 / 60Hz ± 10% (auto-sense)			
OUTPUT				
Voltage	100 Vac / 110 Vac / 120 Vac ± 10%			
Frequency	50 / 60Hz ± 1% (auto-sense)			
Waveform	Mains mode: pure sine wave; battery mode: simulated sine wave			
Transfer time	Typical 8ms; Max.10 ms			
BATTERIES				
DC voltage	12V		48V	
Configuration	1×12V / 4.5 Ah	1×12V / 8.0 Ah	2×12V / 8.0 Ah	4×12V / 9.0 Ah
Recharge time	6 ~ 8 h			
OTHERS				
Protections	Short circuit, battery overcharge, overdischarge, overload, surge			
optional	USB (optional)			
Humidity	20 ~ 90% RH @ 0 ~ 40℃ (non-condensing)			
Noise level	≤ 45 dB (1m)			
Net/Gross weight (kg)		4.9 / 5.3	9.4 / 10.0	
Dimensions (mm) (W×D×H)		100 × 280 × 142	136 × 328 × 186	
Packaged dimensions (mm) (W×D×H)		139 × 325 × 210	185 × 374 × 269	