




Model	Microsine 1K	Microsine 1.5K	Microsine 2K
Capacity	1000 VA / 700 W	1500 VA / 1050 W	2000 VA / 1400W
<b>INPUT</b>			
Voltage	110/120 VAC or 220/230/240 VAC		
Voltage Range	81-145 VAC /162-290 VAC		
Frequency Range	60/50 Hz (auto sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Batt. Mode)	±10%		
Frequency Range (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz		
Waveform (Batt. Mode)	Pure Sinewave		
Transfer Time	Typical 2-6 ms, 10ms max.		
THDV	25%@100% linear load @before pre-alarm		
<b>BATTERY</b>			
Battery Type & Number	12 V / 7Ah x 2	12 V / 9 Ah x 2	12 V / 9 Ah x 2
Typical Recharge Time	6 hours recover to 90% capacity		
<b>PROTECTION</b>			
Full Protection	Overload, discharge, and overcharge protection		
<b>INDICATORS</b>			
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery		
<b>ALARM</b>			
Battery Mode	Sounding every 10 seconds		
Low Battery	Sounding every second		
Overload	Sounding every 0.5 second		
Battery Replacement Alarm	Sounding every 2 seconds		
Fault	Continuously sounding		
<b>PHYSICAL</b>			
Dimension, D x W x H (mm)	353x 149.2 x 162	380 x 158 x198	
Rear Panel			
Front Panel			
Net Weight (kgs)	8.7	10.7	11.5
<b>ENVIRONMENT</b>			
Humidity	0-90 % RH @ 0- 40°C (non-condensing)		
Noise Level	Less than 45dB	Less than 55dB	
<b>MANAGEMENT</b>			
USB & RS-232 Port	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC		