



Model		6K (L) RT	
PHASE		1 phase in/ 1 phase out	
CAPACITY		6.000 V/ 6.000 W	
<b>INPUT</b>			
Nominal Voltage		208/220/230/240 VAC	
Voltage Range		110-300 VAC @ 0~60% load; 140-300 VAC @ 60~80 % load; 176-300 VAC @ 80~100 % load 46 ~54 Hz or 56~64 Hz	
Phase		Single phase with ground	
Power Factor		≥ 0.99 @ 100% Load	
THDi		≤ 4% @100% load; <6% @ 50% load	
<b>OUTPUT</b>			
Output Voltage		208*/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)		± 1%	
Frequency Range (Synchronized Range)		46~54 Hz @ 50 Hz or 56~64 Hz @ 60 Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz	
Current Crest Ratio		3:1 (max.)	
Harmonic Distortion		≤1.5% THD (Linear Load), ≤ 7 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	zero	
	Inverter to Bypass	zero	
Waveform (Batt. Mode)		Pure Sinewave	
<b>Overload</b>			
		100%~110%: 30 sec; 110%~130%: 10 sec; >130%: 1 sec	
<b>EFFICIENCY</b>			
AC Mode		0,94	
<b>Battery Mode</b>			
<b>BATTERY</b>			
Standard Model	12V/7 Ah		
		16	
		9 hours recover to 90% capacity	
	1.0A		
<b>Long-run Model</b>			
		Depending on applications	
		4.0A	
		(13.65 VDC x battery number) ± 1%	
<b>INDICATORS</b>			
LCD Panel	UPS status, load level, battery level, input/output voltage, discharge timer, and fault conditions		
<b>ALARM</b>			
Battery Mode	Sounding every 4 seconds		
Low Battery	Sounding every 2 seconds		
Overload	Sounding twice every second		
<b>Fault</b>			
<b>PHYSICAL</b>			
Standard Model	UPS Unit: 600x438x88 [2U]; Battery Pack: 695x438x88[2U]		
<b>Long-run Model</b>			
	600x438x88 [2U]		
	15		
<b>ENVIRONMENT</b>			
Humidity	20-90 % RH @ 0- 40°C (Non-condensing)		

Noise Level  
Less than 55dB@1Meter

MANAGEMENT  
Smart RS-232/USB  
Optional SNMP

\* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208 VAC.

\*\* When using batteries from 16-19, the unit will de-rate according to the formula: P=Prating x N/20

\*\*\* If the UPS is installed or used in a place where the altitude is above than 1000m, the output must be derated one percent per 100m.

Product specifications are subject to change without further notice.