

Technical Specifications:

MODEL		XRT6000-U/RM	XRT10,000-U/RM
Capacity (VA)		6000VA	10,000VA
INPUT			
Norminal Voltage		220/230/240Vac	
Operating Voltage Range		120~276 Vac	
Frequency Range		50Hz:45~55Hz ; 60Hz: 54~66Hz (Auto Sensing)	
Power Factor		≥0.99	
Bypass Voltage Range		Max. voltage: 220V: +25% (optional +10%, +15%, +20%) 230V: +20% (optional +10%, +15%) 240V: +15% (optional +10%) Min. voltage: -45% (optional -20%, -30%)	
Bypass Frequency Range		Frequency protection range: ±10%	
ECO Range		Same as the bypass	
Harmonic Distortion (THDi)		<3% (100% linear load)	
General Input		Support	
OUTPUT			
Output Voltage		220/230/240Vac	
Power Factor		1	
Voltage Regulation		±1%	
Frequency	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (optional)	
	Bat. Mode	50/60 (±0.1) Hz	
Crest Factor		3:1	
Harmonic Distortion (THDv)		<2% with linear load	
		<5% with non-linear load	
Efficiency		<92%	<93%
BATTERY			
Battery Voltage		±96/108/120Vdc (optional)	
Capacity (Standard Unit)		12V~7Ah/9Ah	
Typical Recharging Time		6~8 hours (to 90% of full capacity)	
Charging Current		1A (Standard unit); Long run unit Max. current 10A (charging current can be set according to battery capacity installed)	

SYSTEM FEATURES				
Transfer Time		Mains to battery: 0ms , Mains to bypass: 0ms		
Overload	Line Mode	Load<110%: last 10min, <130%: last 1min, >130% turn to bypass made immediately		
	Bypass Mode	40A(Breaker)	63A(Breaker)	80A(Breaker)
Short Circiut		Hold whole system		
Overheat		Line Mode: Turn to bypass, Bat. Mode: Shut down UPS immediately		
Battery Low		Alarm and switch off		
Self-diagnostics		Upon power on and software control		
Battery		Advanced battery management		
Audible & Visual Alarms		Line failure, Battery low, Overload, System fault		
LED & LCD Display		Line mode, Bat. mode, Eco mode, Bypass mode, Battery under voltage, Overload & UPS fault		
LCD Display		Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time		
Communication Interface		RS232, USB, SNMP card (optional), Parallel card (optional), Relay card (optional)		
ENVIRONMENT				
Operating Temperature		0 C~40 C		
Storage Temperature		-25 C~55 C		
Humidity Range		0~95% (Non-condensing)		
Altitude		<1500m		
Noise Level		<55dB		
PHYSICAL				
Dimension W x D x H (mm)		Standard model: 191 x 460 x 720 ; Long run model: 191 x 405 x 330		
Net weight (kg)		Standard model: 60kg Long run model: 11kg	Standard model: 61kg Long run model: 12kg	
STANDARDS				
Safety		IEC/EN62040-1, IEC/EN60950-1		
EMC		IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8		