

1KRT(L)
2KRT(L)
3KRT(L)

6KR (L)

10KR (L)

On-line UPS

USE UPS POWER | SINGLE PHASE

Winner Pro+ Rack Tower/Rackmount

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage range
- Converter mode available
- Generator compatible
- ECO mode for energy saving only available for 1-3K models
- Adjustable charging current via LCD or software (1A~6A)
- Emergency power off function (EPO) only available for 6K/10K models
- Comprehensive display allows easy monitoring and access of UPS status

Winner Pro+ Rack Tower/Rackmount Online UPS Selection Guide

MODEL	Winner Pro+ 1KR(L)	Winner Pro+ 2KR(L)	Winner Pro+ 3KR(L)	Winner Pro+ 6KR(L)	Winner Pro+ 10KR (L)				
PHASE	Single phase with ground								
CAPACITY *	1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W	6000VA / 5400W	10000 VA / 9000 W				
INPUT									
Nominal Voltage	110/115/120/127VAC or 208/220/230/240VAC			208/220/230/240VAC					
Input Voltage Range	60-145 VAC or 120-300 VAC (Based on load at 50%) 90-145 VAC or 180-300 VAC (Based on load at 100%)			110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)					
Frequency Range	40 Hz ~ 70 Hz			46~54 Hz or 56~64 Hz					
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)								
OUTPUT									
Output Voltage	110/115/120/127VAC or 208/220/230/240VAC			208/220/230/240VAC					
Voltage Regulation	± 1 %								
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz			46Hz ~ 54 Hz or 56Hz ~ 64 Hz					
Frequency Range (Batt. Mode)	50 Hz or 60Hz ± 0.5%			50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz					
Current Crest Ratio	3:1								
Harmonic Distortion	≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)			≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)					
Transfer Time	AC Mode to Battery Mode	Zero			0 ms				
	Inverter to Bypass	4 ms (Typical)			0 ms				
Waveform (Batt. Mode)	Pure Sinewave								
EFFICIENCY									
AC Mode	88%	89%	90%	92%	93%				
Battery Mode	83%	87%	88%	90%	91%				
BATTERY									
Standard Model	Battery Type	12 V / 9 Ah		12 V / 9 Ah					
	Numbers	2	3	4	6	16	20	16	20
	Typical Recharge Time	4 hours recover to 90% capacity				9 hours recover to 90% capacity			
	Charging Current (max.)	1 A							
Long-run Model **	Battery Type	Depending on applications							
	Numbers	3		6		6		16 ~ 20 (Adjustable)	
	Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A				1A/2A/4A/6A (Adjustable, 6A is only available for 16 pcs batteries)			
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ± 1%	218.4 VDC ± 1%	273VDC ± 1%	218.4 VDC ± 1%	273VDC ± 1%
INDICATORS									
LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators								
ALARM									
Battery Mode	Sounding every 4 seconds								
Low Battery	Sounding every second								
Overload	Sounding twice every second								
Fault	Continuously sounding								



PHYSICAL									
Standard Model	Dimension, D x W x H (mm)	310 x 438 x 88	410 x 438 x 88		630 x 438 x 88	UPS Unit: 500x438x88 [2U] Battery Pack: 668x438x88 [2U]	UPS Unit: 500x438x88 [2U] Battery Pack: 580x438x133 [3U]	UPS Unit: 580x438x133 [3U] Battery Pack: 580x438x133 [3U]	
	Net Weight (kgs)	12	14.1	19	29.3	UPS Unit: 15 Battery Pack: 48	UPS Unit: 15 Battery Pack: 61	UPS Unit: 18 Battery Pack: 51	UPS Unit: 18 Battery Pack: 61
Long-run Model**	Dimension, D x W x H (mm)	310 x 438 x 88		410 x 438 x 88	460 x 438 x 88	500 x 438 x 88 [2U]		580 x 438 x 133 [3U]	
	Net Weight (kgs)	9		12	14.2	15		18	
ENVIRONMENT									
Humidity		20-90 % RH @ 0- 40°C (Non-condensing)				0-95% RH @ 0-40°C (non-condensing)			
Noise Level		Less than 50dB @ 1 Meter				Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter	
MANAGEMENT									
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC							
Optional SNMP		Power management from SNMP manager and web browser							

*1-3KVA: Derate to 70% of capacity in Frequency converter mode or when the output voltage is adjusted to 208VAC

6-10KVA: Derate to 60% of capacity in Frequency converter mode and to 90% when the output voltage is adjusted to 208VAC

**Long-run model is only available in 208/220/230/240VAC systems.

Product specifications are subject to change without further notice.

