

Winner Pro RT 1-10KVA



- True double-conversion
- Input power factor correction
- Output power factor 0.8
- Wide input voltage range (110-300 VAC)
- Converter mode available
- ECO mode for energy saving only available for 1-3KVA models
- Generator compatible
- Adjustable charging current via LCD or software (1A~6A) only available for 6K/10K models
- Emergency power off function (EPO) only available for 6K/10K models
- Optional output factor 0.9 (Please check sales directly)
- Rack-Tower 2-in-1 for 6Kva and below models
- Hot-swappable battery design for 6Kva and below models

Winner Pro Rack/Tower 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 / 800 W	2000 VA / 1600 W	3000 VA / 2400 W	6000 VA / 4800 W	10000 VA / 8000 W								
INPUT													
Nominal Voltage	110/115/120/127VAC or 208/220/230/240VAC			208/220/230/240VAC									
Input Voltage Range	55-145 VAC or 110-300 VAC at 50% load 85-140 VAC or 160-280 VAC at 100% load			110-300 VAC ± 3% at 50% Load 176-300 VAC ± 3% at 100% Load									
Frequency Range	40Hz ~ 70 Hz			46Hz ~ 54 Hz or 56Hz ~ 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%			± 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 ± 0.25 Hz or 60Hz ± 0.3 Hz			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		12 V / 9 AH		12 V / 9 AH					
	Numbers	2		4		6		16, 20, 16, 20					
	Typical Recharge Time	4 hours recover to 90% capacity				9 hours recover to 90% capacity							
	Charging Current	1.0 A				1A/2A (Adjustable)							
	Charging Voltage	27.4VDC ± 1%		54.7 VDC ±1%		82.1 VDC ±1%		218.4VDC ± 1%, 273 VDC ± 1%, 218.4VDC ± 1%, 273 VDC ± 1%					
Long-run Model	Battery Type	Depending on the capacity of external batteries						De pending on applications					
	Numbers	2		3		4		6		8		16 - 20 pcs (Adjustable)	
	Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A						1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)					
	Charging Voltage	27.4VDC ± 1%, 41.0VDC ± 1%		54.7 VDC ±1%, 82.1 VDC ±1%		109.4VDC ±1%, 82.1 VDC ±1%		109.4VDC ±1%		218.4 VDC ± 1% (Based on 16pcs batteries)			
INDICATORS													
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions												
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 [2U]			410 x 438 x 88 [2U]			630 x 438 x 88 [2U]			UPS Unit: 530x438x88 [2U] Battery Pack: 668x438x88 [2U]	UPS Unit: 530x438x88 [2U] Battery Pack: 580x438x133 [3U]	UPS Unit: 580x438x133[3U] Battery Pack: 580x438x133 [3U]
	Net Weight (kgs)	12			19			29.3			UPS Unit: 15 Battery Pack: 46	UPS Unit: 15 Battery Pack: 61	UPS Unit: 18 Battery Pack: 51
Long-run Model*	Dimension, D x W x H (mm)	310 x 438 x 88 [2U]			410 x 438 x 88 [2U]			530 x 438 x 88 [2U]			580 x 438 x 133[3U]		
	Net Weight (kgs)	9			12			14.2			15		
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® Family, Linux and MAC												
Optional SNMP	Power management from SNMP manager and web browser												

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

**Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 208VAC.

Product specifications are subject to change without further notice.