

Winner Pro+



- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage
- Converter mode available
- ECO mode for energy saving only available for 1-3KVA models
- Adjustable battery numbers
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

Winner Pro+ Online UPS Selection Guide

MODEL		Winner Pro+ 1K (L)		Winner Pro+ 2K (L)		Winner Pro+ 3K (L)		Winner Pro+ 6K (L)		Winner Pro+ 10K (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 @ Nominall 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						46~54 Hz or 56~64 Hz			
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.5%						50 Hz or 60Hz ± 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									
	Inverter to Bypass	4 ms (Typical)						Zero			
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	3	4	6	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						1 A / 2 A			
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7VDC ± 1%	82.1 VDC ± 1%	82.1 VDC ± 1%	218.4 VDC ± 1%	273VDC ± 1%	218.4 VDC ± 1%	273VDC ± 1%	
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 16pcs batteries)			
	Charging Voltage	41.0 VDC ± 1%		82.1 VDC ± 1%		82.1 VDC ± 1%		273 VDC ± 1% (Based on 20pcs batteries)			
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)	282x145 x220	397x145 x220	397 x 145 x 220	421 x 190 x 318	421 x 190 x 318	369 x 190 x 688	442 x 190 x 688			
	Net Weight (kgs)	9.8	11.4	17	26.2	27.6	61	74	66	76	
Long-run Model **	Dimension, D x W x H (mm)	282 x 145 x 220			397 x 145 x 220		369 x 190 x 318		442 x 190 x 318		
	Net Weight (kgs)	4.4			6.8		7.6		12		16
ENVIRONMENT											
Humidity		20-90 % RH @ 0- 40°C (Non-condensing)						0-95% RH @ 0-50°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.

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
- ECO mode for energy saving only available for 1-3K models
- Generator compatible
- 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 @ Nominall 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		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						1A/2A (Adjustable)				
	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%	
Long-run Model **	Battery Type	Depending on applications										
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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: 16 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										
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Voltronic Power

Advancing Power