

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 1-3K models
- Adjustable battery numbers only available for 6K/10K models
- Generator compatible
- Adjustable charging current via LCD or software (1A ~ 6A) only available for 6K/10K models
- Emergency power off (EPO) function is only available for 6K/10K models
- Comprehensive display allows easy monitoring and access to UPS status

Winner Pro⁺ Online UPS Selection Guide

MODEL		Winner Pro+ 1K	Winner Pro+ 2K	Winner Pro+ 3K	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	6000 VA / 5400 W	10000 VA / 9000 W	
INPUT							
Nominal Voltage		110/115/120/127VAC or 200/208/220/230/240VAC			208/220/230/240VAC		
Input Voltage Range		60-150 VAC or 120-300 VAC at 50% load 90-140 VAC or 180-280 VAC at 100% load			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 200/208/220/230/240VAC			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		THD ≤ 3 % THD (Linear Load) THD ≤ 6 % THD (Non-linear Load)			THD ≤ 3 % THD (Linear Load) THD ≤ 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%	85%	88%	90%	91%	
BATTERY							
Standard Model	Battery Type	12 V / 9 Ah	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 (max.)	1.0 A			1A/2A (Adjustable)		
Long-run Model	Charging Voltage	27.4VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ± 1%	218.4VDC ± 1%	273VDC ± 1%	218.4VDC ± 1% 273VDC ± 1%
	Battery Type	N/A			Depending on the capacity of external batteries		
	Numbers				16 ~ 20 (Adjustable)		
	Charging Current (max.)				1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)		
	Battery Type				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)	282 x 145 x 220	397 x 145 x 220	421 x 190 x 318	369 x 190 x 688	442 x 190 x 688	
	Net Weight (kgs)	9.8	17	27.6	61	74	66 76
Long-run Model	Dimension, D x W x H (mm)	N/A			369 x 190 x 318		442 x 190 x 318
	Net Weight (kgs)				12		16
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 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC.

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

Product specifications are subject to change without further notice.

Winner Pro⁺ Rack Tower/Rackmount



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- Adjustable battery numbers only available for 6K/10K models
- Generator compatible
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- Comprehensive display allows easy monitoring and access of UPS status

Winner Pro⁺ Rack Tower/Rackmount Online UPS Selection Guide

MODEL		Winner Pro ⁺ 1KRT	Winner Pro ⁺ 2KRT	Winner Pro ⁺ 3KRT	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	6000 VA / 5400 W	10000 VA / 9000 W		
INPUT								
Nominal Voltage		110/115/120/127VAC or 200/208/220/230/240VAC			208/220/230/240VAC			
Input Voltage Range		60-145 VAC or 120-300 VAC at 50% load 90-145 VAC or 180-300 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 200/208/220/230/240VAC			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			0ms			
	Inverter to Bypass	4 ms (Typical)			0ms			
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 pcs	20 pcs	16 pcs	20 pcs
	Typical Recharge Time	4 hours recover to 90% capacity			9 hours recover to 90% capacity			
	Charging Current	1.0 A			1A/2A (Adjustable)			
Long-run Model	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%
	Battery Type	N/A			Depending on applications			
	Numbers				16 - 20 pcs (Adjustable)			
	Charging Current (max.)				1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)			
	Charging Voltage				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: 688x438x88 [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: 48	UPS Unit: 15 Battery Pack: 61	UPS Unit: 18 Battery Pack: 51	UPS Unit: 18 Battery Pack: 63
Long-run Model	Dimension,D x W x H (mm)	N/A			530 x 438 x 88 [2U]		580 x 438 x 133 [3U]	
	Net Weight (kgs)				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						

*Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC.
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