

Winner Pro Value



- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage (110 V – 300 V)
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Smart RS-232 communication port

Winner Pro Value Online UPS Selection Guide

MODEL	Winner Pro Value 1K (L)		Winner Pro Value 2K (L)				Winner Pro Value 3K (L)		
PHASE	Single phase with ground								
CAPACITY*	1000 VA / 800 W		2000 VA / 1600 W				3000 VA / 2400 W		
INPUT									
Nominal Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC								
Input Voltage Range	55-150 VAC or 110-300 VAC (Based on load at 50%) 85-140VAC or 160-280VAC (Based on load at 100%)								
Frequency Range	40 Hz ~ 70 Hz								
Power Factor	≥ 0.99 @ Nominall Voltage (100% load)								
OUTPUT									
Output Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC								
Voltage Regulation	± 1 %								
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz								
Frequency Range (Batt. Mode)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz								
Current Crest Ratio	3:1								
Harmonic Distortion	≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)								
Transfer Time	AC Mode to Battery Mode	Zero							
	Inverter to Bypass	4 ms (Typical)							
Waveform (Batt. Mode)	Pure Sinewave								
EFFICIENCY									
AC Mode	88%		88%				90%		
Battery Mode	83%		85%				88%		
BATTERY									
Standard Model	Battery Type	12 V / 9 Ah		12 V / 9 Ah				12 V / 9 Ah	
	Numbers	2		4				6	
	Typical Recharge Time	4 hours recover to 90% capacity							
	Charging Current (max.)	1 A							
Long-run Model**	Charging Voltage	27.4VDC ± 1%		54.7 VDC ±1%				82.1 VDC ±1%	
	Battery Type	Depending on the capacity of external batteries							
	Numbers	2	3	4	6	8	6	8	
	Charging Current (max.)	1A/2A/4A/6A (Adjustable)							
	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%	
INDICATORS									
LED	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	
	Net Weight (kgs)	9.8		17				27.6	
Long-run Model**	Dimension, D x W x H(mm)	282 x 145 x 220		397 x 145 x 220					
	Net Weight (kgs)	4.1		6.8				7.4	
ENVIRONMENT									
Humidity	20-90 % RH @ 0- 40°C (Non-condensing)								
Noise Level	Less than 50dB @ 1 Meter								
MANAGEMENT									
Smart RS-232	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC								

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

**Long-run model is only available in 200/208/220/230/240VAC systems
Product specifications are subject to change without further notice