

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		100/110/115/120/127VAC 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		100/110/115/120/127VAC 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		≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)			≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)				
Transfer Time	AC to DC	Zero							
	Inverter to Bypass	4 ms (Typical)			Zero				
Waveform (Batt. Mode)		Pure Sinewave							
EFFICIENCY									
To AC Mode		88%	89%	90%	92%		93%		
To 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				
	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)				
	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	218.4 VDC ±1%	273 VDC ±1%	218.4 VDC ±1%	273 VDC ±1%	
Long-run Model	Battery Type	Depending on the capacity of external batteries							
	Numbers	16~20 (Adjustable)							
	Charging Current (Max.)	N/A			1A/2A/4A/6A(Adjustable, 6A is only available for 16 pcs batteries)				
	Charging Voltage	273 VDC ±1% (Based on 20 pcs batteries)							
INDICATORS									
LCD Display		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, DxWxH (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, DxWxH (mm)	N/A			369 x 190 x 318		442 x 190 x 318		
	Net Weight (kgs)	N/A			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 50dBA @ 1 Meter			Less than 55dBA @ 1 Meter		Less than 58dBA @ 1 Meter		
MANAGEMENT									
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, 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.