

Winner



- 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
- Charger capacity expansion to 6A for long-run models
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

Winner Online UPS Selection Guide

MODEL	Winner 1K (L)	Winner 2K (L)	Winner 3K (L)	Winner Rack 1K (L)	Winner Rack 2KL	Winner Rack 3KL						
PHASE	Single phase with ground											
CAPACITY	1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W	1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W						
INPUT												
Nominal Voltage	200/208/220/230/240VAC											
Voltage Range	110-300 VAC ± 5 %											
Frequency Range	40Hz ~ 70 Hz											
Power Factor	≥ 0.99 @ Nominal Voltage (100% Load)											
OUTPUT												
Output Voltage	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											
Overload	100%~110%:audible warning 110%~130%: UPS shut down in 30 seconds at battery mode or transfer to bypass when the utility is normal ; >130%:UPS shuts down immediately at battery mode or transfer to bypass mode when the utility is normal											
Current Crest Ratio	3:1											
Harmonic Distortion	≤ 3 % THD (Linear Load) ; ≤ 6 % THD (Non-linear Load)											
Transfer Time	Zero											
AC to DC	Zero											
Inverter to Bypass	4 ms (Typical)											
Waveform (Batt. Mode)	Pure Sinewave											
EFFICIENCY												
To AC Mode	87%	90%	90%	87%	90%							
To Battery Mode	83%	87%	89%	83%	87%	89%						
BATTERY												
Standard Model	Battery Type	12 V / 7 Ah		12 V / 7 Ah		12 V / 9Ah		12 V / 7 Ah		-	-	
	Numbers	2	3	6	8	6	8	2	3	-	-	
	Typical Recharge Time	4 hours recover to 90% capacity										
	Charging Current (max.)	1.0 A										
Long-run Model	Battery Type	Depending on the capacity of external batteries										
	Numbers	Depending on the capacity of external batteries										
	Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A ± 10%										
	Charging Voltage	27.3VDC ± 1%	41.0VDC ± 1%	82.1 VDC ±1%	109.4VDC ±1%	82.1 VDC ±1%	109.4VDC ±1%	27.3VDC ±1%	41.0 VDC ±1%	-	-	
INDICATORS												
LCD or 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)	397 x 145 x 220		419 x 190 x 318				380 x 438 x 88		-	-	
	Net Weight (kgs)	10	13	26	30.5	28	33	10	13	-	-	
Long-run Model	Dimension, D x W x H(mm)	397 x 145 x 220		419 x 190 x 318				N/A		380 x 438 x 88		480 x 438 x 88
	Net Weight (kgs)	7.0		13		13		N/A		6.5	8.3	10
ENVIRONMENT												
Humidity	20-90 % RH @ 0- 40°C (Non-condensing)											
Noise Level	Less than 50dBA @ 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											

* Derate to 80% of capacity in Frequency converter mode or when the output voltage is adjusted to 100/200/208VAC
Product specifications are subject to change without further notice.