

Winner Pro



- 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 (Only available for 1-3KVA)
- Generator compatible
- Adjustable battery number only available for 6K and up models
- Smart SNMP works well with either USB or RS-232 together
- Emergency power off function (EPO) only available for 6K/10K models
- Optional isolation transformer available.
(Please check sales directly)

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 / 800 W | 2000 VA / 1600 W | 3000 VA / 2400 W | 6000VA / 4800W | 10000 VA / 8000 W | | | | | |
| INPUT | | | | | | | | | | |
| Nominal Voltage | 100/110/115/120/127VAC or 200/208/220/230/240VAC | | | 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%) | | | 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 @ Nominal 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 ± 0.25 Hz or 60Hz ± 0.3 Hz | | | 50 Hz or 60Hz ± 0.1 Hz | | | | | | |
| Current Crest Ratio | 3:1 | | | | | | | | | |
| Harmonic Distortion | THD (Linear Load) ≤ 3 % THD (Non-linear Load) ≤ 6 % | | | THD (Linear Load) ≤ 3 % THD (Non-linear Load) ≤ 5 % | | | | | | |
| Transfer Time | AC Mode to Battery Mode | Zero | | | Zero | | | | | |
| | Inverter to Bypass | 4 ms (Typical) | | | Zero | | | | | |
| Waveform (Batt. Mode) | Pure Sinewave | | | | | | | | | |
| EFFICIENCY | | | | | | | | | | |
| AC Mode | 88% | 88% | 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 | 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 | | | | | |
| Long-run Model ** | Battery Type | Depending on the capacity of external batteries | | | | | | | | |
| | Numbers | 2 | 3 | 4 | 6 | 8 | 6 | 8 | 16 ~ 20 (Adjustable) | |
| | Charging Current (max.) | 1A/2A/4A/6A (Adjustable) | | | | | | 1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries) | | |
| | Charging Voltage | 27.4VDC ± 1% | 41.0VDC ± 1% | 54.7 VDC ± 1% | 82.1 VDC ± 1% | 108.4VDC ± 1% | 82.1 VDC ± 1% | 108.4VDC ± 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) 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) | | | | | | 282 x 145 x 220 397 x 145 x 220 369 x 190 x 318 442 x 190 x 318 | | | | |
| Net Weight (kgs) | | | | | | 4.1 6.8 7.4 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, 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
 **Long-run model is only available in 200/208/220/230/240VAC systems (200VAC system only available for 1-3KVA).
 Product specifications are subject to change without further notice

Winner Pro Rack



- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage range (110-300 VAC)
- Converter mode available
- ECO mode for energy saving only available for 1-3KVA models
- Generator compatible
- Adjustable charging current via LCD or software (1A~6A)
- Emergency power off function (EPO) only available for 6K/10K models

Winner Pro Rack 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 / 800 W | 2000 VA / 1600 W | 3000 VA / 2400 W | 6000 VA / 4800 W | 10000 VA / 8000 W | |
| INPUT | | | | | | |
| Nominal Voltage | 100/110/115/120/127VAC or 200/208/220/230/240VAC | | | 208/220/230/240VAC | | |
| Input Voltage Range | 55-145 VAC or 110-300 VAC at 50% load 85-140 VAC or 160-280 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 | 100/110/115/120/127VAC 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 | 20 |
| | 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 | Battery Type | Depending on the capacity of external batteries | | | Depending on applications | |
| | Numbers | 2 | 3 | 4 | 6 | 8 |
| | 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 | 27.4VDC ± 1% | 41.0VDC ± 1% | 54.7 VDC ± 1% | 82.1 VDC ± 1% | 109.4VDC ± 1% |
| 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: 500x438x88 [2U] Battery Pack: 668x438x88 [2U] | UPS Unit: 500x438x88 [2U] Battery Pack: 580x438x133 [3U] |
| | Net Weight (kgs) | 12 | 19 | 29.3 | UPS Unit: 15 Battery Pack: 48 | UPS Unit: 15 Battery Pack: 61 |
| Long-run Model* | Dimension, D x W x H (mm) | 310 x 438 x 88 [2U] | 410 x 438 x 88 [2U] | 500 x 438 x 88 [2U] | 580 x 438 x 133 [3U] | |
| | Net Weight (kgs) | 9 | 12 | 14.2 | 15 | |
| 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, Linux and MAC | | | | | |
| Optional SNMP | Power management from SNMP manager and web browser | | | | | |

*Long-run model is only available in 200/208/220/230/240VAC systems.

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