

Features

- True double-conversion
- Excellent microprocessor control for high reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (120V - 300V)
- Converter mode available
- ECO mode for energy saving(Only available for 1-3KVA)
- Adjustable battery string numbers only available for 6K / 10K models
- Adjustable charging current via LCD or software (1A~6A)
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive LCD display allows easy monitoring and access of UPS status



| MODEL | Champ 1K | Champ 2K | Champ 3K | Champ 6K | Champ 10K |
|--------------------------------------|--|---------------------------------|-----------------|---|---------------------------------|
| PHASE | Single phase with ground | | | | |
| CAPACITY | 1000VA / 900W | 2000VA / 1800W | 3000VA / 2700W | 6000VA / 5400W | 10000 VA / 9000 W |
| INPUT | | | | | |
| Nominal Voltage | 200 / 208 / 220 / 230 / 240Vac | | | 208 / 220 / 230 / 240Vac | |
| Voltage Range | 120~300Vac (Based on load at 50%) 160-280Vac (Based on load at 100%) | | | 110-300Vac (Based on load at 50%) 176-300Vac (Based on load at 100%) | |
| Frequency Range | 40~70Hz | | | 46~54Hz or 56~64Hz | |
| Power Factor | ≥ 0.99 @ Nominal Voltage (100% load) | | | | |
| OUTPUT | | | | | |
| Output Voltage | 200 / 208 / 220 / 230 / 240Vac | | | 208 / 220 / 230 / 240Vac | |
| Voltage Regulation | ± 1% | | | | |
| Frequency Range (Synchronized Range) | 47~53Hz or 57~63Hz | | | 46~54Hz or 56~64Hz | |
| Frequency Range (Batt. Mode) | 50Hz ± 0.25Hz or 60Hz ± 0.3Hz | | | 50Hz or 60Hz ± 0.1Hz | |
| Inverter Crest Ratio | 3:1 | | | | |
| Harmonic Distortion (THDv) | ≤ 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 | | 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 | | | | | |
| | Battery Type | 12V / 9Ah | 12V / 9Ah | 12V / 9Ah | 12V / 9Ah |
| | Numbers in string | 2 | 4 | 6 | 16 |
| Standard Model | 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% | 54.7Vdc ± 1% | 82.1Vdc ± 1% | 218.4Vdc ± 1% |
| INDICATORS | | | | | |
| LCD Panel | Load level, Battery level, Line mode, Battery mode, Bypass mode, ECO mode and Fault indicators | | | | |
| ALARM | | | | | |
| Battery Mode | | | | Beeps every 4 seconds | |
| Low Battery | | | | Beeps every second | |
| Overload | | | | Beeps twice per second | |
| Fault | Continuously beeping | | | | |
| 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 |
| | Net Weight (kgs) | 9.8 | 17 | 27.6 | 61 |
| Long-run Model | Dimension, D x W x H (mm) | 282 x 145 x 220 | 397 x 145 x 220 | 397 x 145 x 220 | 369 x 190 x 318 |
| | Net Weight (kgs) | 4.1 | 6.8 | 7.4 | 12 |
| ENVIRONMENT | | | | | |
| Humidity | 20-90% RH @ 0-40°C (non-condensing) | | | 0-95% RH @ 0-50°C 0-95% RH @ 0-40°C (non-condensing) (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 / 7 / 8 / 10, Linux and MAC | | | | |
| Optional SNMP | Power management from SNMP manager and web browser | | | | |

* In Frequency converter mode, the output capacity derate to 80% with output voltage adjusted to 200 / 208Vac

* Product specifications are subject to change without further notice