# Gennex 2kVA & 3kVA Online UPS

- 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
- Smart SNMP works well with either USB or RS-232 together
- Optional isolation transformer available. (Please check sales directly)

## Gennex Online UPS Selection Guide

| MODEL | Gennex 2KVA | | | | Gennex 3KVA |
|---|---|---|---|---|---|
| CAPACITY * | 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 @ Nominal 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 | | | | |
| Transfer Time — Inverter to Bypass | 4 ms (Typical) | | | | |
| Waveform (Batt. Mode) | Pure Sinewave | | | | |
| EFFICIENCY | | | | | |
| AC Mode | 88% | | | | 90% |
| Battery Mode | 87% | | | | 88% |
| BATTERY | | | | | |
| Standard Model — Battery Type | 12 V / 9 Ah | | | | 12 V / 9 Ah |
| Standard Model — Numbers | 4 | | | | 6 |
| Standard Model — Typical Recharge Time | 4 hours recover to 90% capacity | | | | |
| Standard Model — Charging Current (max.) | 1 A | | | | |
| Standard Model — Charging Voltage | 54.7 VDC ±1% | | | | 82.1 VDC ±1% |
| Long-run Model ** — Battery Type | Depending on the capacity of external batteries | | | | |
| Long-run Model ** — Numbers | 4 | 6 | 8 | 6 | 8 |
| Long-run Model ** — Charging Current (max.) | 1A/2A/4A/6A (Adjustable) | | | | |
| Long-run Model ** — Charging Voltage | 54.7 VDC ±1% | 82.1 VDC ±1% | 109.4VDC ±1% | 82.1 VDC ±1% | 109.4VDC ±1% |
| 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) | 397 x 145 x 220 | | | | 421 x 190 x 318 |
| Standard Model — Net Weight (kgs) | 17 | | | | 27.6 |
| Long-run Model ** — Dimension, D x W x H(mm) | 397 x 145 x 220 | | | | |
| Long-run Model ** — Net Weight (kgs) | 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 / 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