



31-11 ONLINE UPS



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 1.0
- Active power factor correction in all phase
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers for long-run mode
- Maintenance bypass available
- Optional parallel operator
- Optional isolation transformer offers full isolation and complete common mode noise

AXIL 31-11

| MODEL | 10KL | 20KL | |
|--------------------------------------|--|---|-------------------------|
| PHASE | 3 phase in/single phase out OR single phase in & single phase out | | |
| CAPACITY | 10KVA/10KW | 20KVA/20KW | |
| PARALLEL CAPABILITY | 4 max | | |
| INPUT | | | |
| Nominal Voltage | 3 x 400 VAC (3Ph+N) | | |
| Voltage Range | 190-520 VAC (3-phase) @ 50% load 305-478 VAC (3-phase) @ 100% load | | |
| Frequency Range | 46~54 Hz or 56~64Hz | | |
| Power Factor | ≧ 0.99 @ 100% load | | |
| OUTPUT | | | |
| Output Voltage | 3 x 360*/380/400/415 VAC (3Ph+N) or 208/220/ 230/ 240VAC(1PH+N) | | |
| AC Voltage Regulation (Batt. Mode) | ± 1% | | |
| Frequency Range (Synchronized Range) | 46~54Hz or 56~64Hz | | |
| Frequency Range (Batt. Mode) | 50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz | | |
| Current Crest Ratio | 3:1 (max.) | | |
| Harmonic Distortion | ≧ 2 % THD (Linear Load) ≧ 5 % THD (Non-linear Load) | | |
| Transfer Time | AC mode to Battery mode | zero | |
| | Inverter to Bypass | zero | |
| Waveform (Batt. Mode) | Pure Sine Wave | | |
| Overload | AC Mode | 100-110% for 60 min, 110-125% for 10 min, 125%~150% 1min, >150% immediately | |
| | Battery Mode | 100-110% for 60 min, 110-125% for 10 min, 125%~150% 1min, >150% immediately | |
| EFFICIENCY | | | |
| AC Mode | 95.5% | | |
| ECO Mode | 98.5% | | |
| Battery Mode | 94.5% | | |
| BATTERY | | | |
| Long-run Model | Battery Type | Depending on customer | |
| | Numbers | 20 pcs (10+10) | 32~40 pcs (Adjustable) |
| | Charging Current (max.) | 1A/2A/3A/4A/5A/6A/7A/8A/9A/10A/11A/12A(Adjustable) 12A maximum | |
| | Charging Voltage | +/-13.65V*N (N=10) | +/-13.65V*N (N = 16~20) |
| INDICATORS | | | |
| LCD Panel | UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions | | |
| PHYSICAL | | | |
| Long-run Model | Dimension, D X W X H (mm) | 500x250x590 (630 with castors) | |
| | Net Weight (kgs) | 35 | |
| ENVIRONMENT | | | |
| Operation Temperature | 0-40°C | | |
| Operation Humidity | <95% and non-condensing | | |
| Noise Level | Less than 65dB @ 1 Meter | Less than 65dB @ 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 | | |

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