| MODEL | | FA-UPSX-480V-10KVA-3PH | FA-UPSX-480V-30KVA-3PH | FA-UPSX-480V-80KVA-3PH |
|---|---|---|---|---|
| PHASE | | 3-phase in/3-phase out | | |
| Capacity(VA/Watts) | | 10KVA/10KW | 30KVA/30KW | 80KVA/80KW |
| **INPUT** | | | | |
| Nominal Voltage | | 3 x 400 VAC (3Ph+N) | | |
| Voltage Range | | 190-520 VAC (3-phase) at 50% load ; 305-478 VAC (3-phase) at 100% load | | |
| Frequency range | | 46~54Hz or 56~64Hz | | |
| Power factor | | ≥ 0.99 @ 100% Load | | |
| **OUTPUT** | | | | |
| Output voltage | | 3 x 360/380/400/415 VAC (3 Ph+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 | | |
| Transfer Time AC Mode to Batt. Mode | | Zero | | |
| Transfer Time Inverter to Bypass | | Zero | | |
| Waveform (Batt. Mode) | | Pure Sine wave | | |
| Overload AC Mode | | 100-110% for 10 min, 110-130% for 1 min, >130% for 1 second | | |
| Overload Battery Mode | | 100-110% for 30 seconds, 110-130% for 10 seconds, >130% for 1 second | | |
| Parallel Capacity | | up to 3 units in parallel | | |
| **BATTERY** | | | | |
| Standard Model | Battery Type | 12 V / 9 Ah or 12 V / 7Ah | | N/A |
| | Numbers | 20 pcs x (1-4) strings | (20+20) pcs x 2 strings | |
| | Typical Recharge Time | 9 hours recover to 90% capacity | | |
| | Charging Current (Max.) | 1A-12A (Adjustable) | | |
| | Charging Voltage | 273 VDC ± 1% (Based on 20pcs batteries) | | |
| Long-run Model | Battery Type | Depending on the capacity of external batteries | | |
| | Numbers | 32-40 pcs (Adjustable) | | |
| | Charging Current (Max.) | 1A-12A (Adjustable)<br>Parallelable up to 3 charger boards to reach 36A maximum | | 1A-24A (Adjustable)<br>Parallelable up to 3 sets of dual charger boards to reach 72A maximum |
| | Charging Voltage | +/- 13.65V x N (N=16~20) | | |
| **PHYSICAL** | | | | |
| Standard Model | Dimension, DxWxH (mm) | 781 x 250 x 750 | 815 x 300 x 1000 | N/A |
| | Net Weight (kgs) | 129 | 225 | |
| Long-run Model | Dimension, DxWxH (mm) | 781 x 250 x 750 | 815 x 300 x 1000 | 790 x 360 x 1010 |
| | Net Weight (kgs) | 33 | 60 | 108 |
| **ENVIRONMENT** | | | | |
| Operation Temperature | | 0-40 °C | | |
| Operation Humidity | | < 95% and non-condensing | | |

Available capacity: 10KVA, 20KVA, 30KVA, 40KVA, 60KVA & 80KVA

Modeling number: FA-UPSX-480V-XXKVA-3PH, Where XX=UPS capacity