

| MODEL | UPS-PT010-I080-D0 | UPS-PT020-I080-D0 | UPS-PT030-E-D0 UPS-PT030-I150-E0 | UPS-PT040-E-D0 UPS-PT040-I150-E0 | UPS-PT060-E-D0 UPS-PT060-I150-E0 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| GENERAL DATA | | | | | |
| Product name | PremiumTower™ UPS | | | | |
| Topology/Technology | Online double conversion | | | | |
| INPUT | | | | | |
| MAINS | | | | | |
| Input Wiring | 3Ph+N+PE | | | | |
| Rated Voltage | 380/400/415Vac | | | | |
| Voltage Range | For loads <100% (-25%, +20%) <80% (-32.5%, +20%) <60% (-35%, +20%) | | | | |
| Input Frequency | 40-70 Hz | | | | |
| Total Harmonic Distortion | THDi<3% for linear load, THDi<5% for nonlinear load | | | | |
| Input Power Factor | 0,99 | | | | |
| BYPASS | | | | | |
| Input Wiring | 3Ph+N+PE | | | | |
| Rated Voltage | 380/400/415 Vac | | | | |
| Change over tolerance | ±30...±10% (Voltage) (According to VFI-SS-111) | | | | |
| Input Frequency | 50/60 ±6 Hz (selectable) | | | | |
| BATTERY | | | | | |
| Rated Voltage | 360-480 Vdc (the number of batteries can be selected) | | | | |
| Internal Batteries (7/9Ah) | E External I080: 80 | E External I080: 80 | E External I150: 150 | E External I150: 150 | E External I150: 150 |
| Type | Lead-Acid/NiCad | | | | |
| Blocks [LA]/Cells[NiCad] | Flexible: 30...50 | | | | |
| Charger (Amp) | Std 6 Option 10 / 20 / 30 / 40 | | | | |
| OUTPUT | | | | | |
| INVERTER | | | | | |
| Output Wiring | 3Ph+N+PE | | | | |
| Nominal Power [kVA] | 10 | 20 | 30 | 40 | 60 |
| Nominal Power [kW] | 10 | 20 | 30 | 40 | 60 |
| Voltage | 380/400/415 Vac±1% | | | | |
| Frequency | Tracking the bypass input (Online Mode); 50/60 Hz±0.1% (Battery Mode) | | | | |
| Waveform | Sine wave (THDv < 2% for linear load; THDv<3% for non-linear load) | | | | |
| Output Power Factor | 1 | | | | |
| Efficiency | 96,6% | | | | |
| Overload Capacity | Inverter 124% unlimited; ≥ 126% for 10 min; ≥150% for 1 min Bypass 135% for long term; <1000% for 100ms | | | | |
| Short circuit capability | 3 x IN | | | | |
| BYPASS | | | | | |
| Efficiency | 99,4% | | | | |
| ENVIRONMENT | | | | | |
| Operating Temperature | 0-40°C (No power derating) | | | | |
| Storage Temperature | -40-70°C | | | | |
| Relative Humidity | 0%-95% (No condensing) | | | | |
| Maximum Operating Altitude | 1000 m. Above 1000 m, derating 1% for each additional 100 m | | | | |
| Audible Noise | < 65dB | | | | |
| OTHERS | | | | | |
| Dimensions (H x W x D) [mm] | D0 1,070 x 350 x 800 E0 1,320 x 520 x 800 | | | | |
| Weight [Kg] withouth batteries | D 80 E 105 | | | | |
| Colour / Protection Level | TBA / IP20 | | | | |
| Certifications | EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 CE; RoHS | | | | |
| Communications | Std 1 x RS232, 2 x Dry In, 1 x Dry Out, 2x Expansion slots. Option 6 x Dry Output contacts, 4 x Dry Input contacts, Bluetooth, SNMP Slot | | | | |