

MODEL	UPS-PT010-I080-D0	UPS-PT020-I080-D0	UPS-PT030-E-D0 UPS-PT030-I160-E0	UPS-PT040-E-D0 UPS-PT040-I160-E0	UPS-PT060-E-D0 UPS-PT060-I160-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 ±2/4% (selectable)				
BATTERY					
Rated Voltage	360-480 Vdc (the number of batteries can be selected)				
Internal Batteries (7/9Ah)	I 080: 80	I 080: 80	E External I160: 160	E External I160: 160	E External I160: 160
Type	Lead-Acid/NiCad/Lithium				
Blocks [LA]/Cells[NiCad]	Flexible: 30...50				
Charger (Amp)	20	20	40	40	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 < 120% continuous; ≥ 120% 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 1,075 x 350 x 850 E0 1,725 x 520 x 850				
Weight [Kg] withouth batteries	D 80 E 105				
Colour / Protection Level	RAL 9017 (traffic black) / 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 5 x Dry Output contacts, 4 x Dry Input contacts, Bluetooth, SNMP Slot				