

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	
<b>General Data</b>						
Product name	PremiumTower™ UPS					
Topology/Technology	Online double conversion					
<b>Input</b>						
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)	E: External I080: 80	E: External I080: 80	E: External I160: 160	E: External I160: 160	
	Type	Lead-Acid/NiCad/Lithium				
	Blocks [LA]	<b>Flexible: 30...50</b>				
	Max Charger (A)	20		40		
<b>Output</b>						
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				
	<b>Efficiency</b>	<b>96.6%</b>				
	Overload Capacity	Inverter: <120% continuous, ≥120% for 10 min; ≥150% for 1 min Bypass: 135% for long term; <1000% for 100ms				
	Short circuit capability	<b>3 x IN</b>				
Bypass	<b>Efficiency</b>	<b>99.4%</b>				
<b>Environment</b>						
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					
<b>Others</b>						
Dimensions (H x W x D) [mm]	D0: 1,075 x 350 x 800 E0: 1,725 x 520 x 800					
Weight [Kg] withouth batteries	D: 80, E: 105					
Colour / Protection Level	Body: RAL 9017 Traffic black; Frontal: RAL 9011 OP / IP20					
Certifications	EN/IEC 62040-1; EN/IEC 62040-2; EN/IEC 62040-3; CE; RoHS					
Communications	<b>Std:</b> 1 x RS232, 2 x Dry In, 1 x Dry Out, 2x Expansion slots. <b>Option:</b> 5 x Dry Output contacts, 4 x Dry Input contacts, Bluetooth, SNMP Slot					