

MODEL	UPS-PT080-E30-F0 UPS-PT080-E40-F0	UPS-PT100-E30-F0 UPS-PT100-E40-F0	UPS-PT120-E30-F0 UPS-PT120-E40-G0	UPS-PT160-E30-G0 UPS-PT160-E40-G0	UPS-PT200-E30-H0 UPS-PT200-E40-H0	UPS-PT250-E40-H0
<b>GENERAL DATA</b>						
Product name	PremiumTower™ UPS					
Topology/Technology	Online double conversion					
Max Power [kVA/kW]	80	100	120	160	200	250
<b>INPUT</b>						
<b>MAINS</b>						
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 non-linear load					
Input Power Factor	0,99					
<b>BYPASS</b>						
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)					
<b>BATTERY</b>						
Type	Lead-Acid / NiCad / Lithium					
Rated Voltage	360 - 480 Vdc (the number of batteries can be selected)					
Blocks [LA] /Cells[NiCad]	E30 flexible from 20 to 50   E40 flexible from 24 to 50					
Charger (Amp)	64	80	96	120	160	160
<b>OUTPUT</b>						
<b>INVERTER</b>						
Nominal Power [kW]	80	100	120	160	200	250
Output Wiring	3Ph+N+PE					
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; ≥ 125% for 10 min; ≥ 150% for 1 min   Bypass 135% for long term; <1000% for 100ms					
Short circuit capability	3 x I <sub>N</sub>					
<b>BYPASS</b>						
Efficiency	99,4%					
<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	< 71 dB					
<b>OTHERS</b>						
Dimensions (H x W x D) [mm]	F0 1,985 x 600 x 600   G0 1,985 x 730 x 600   H0 1,985 x 860 x 700					
Colour / Protection Level	RAL 9017 (traffic black) / IP20					
Certifications	EN/IEC 62040-1   EN/IEC 62040-2   EN/IEC 62040-3   CE   RoHS					
Communications	Standard 1 x RS232, 1x RS485, 5 x Dry output contacts, 4 x Dry input contacts, Bluetooth, SNMP slot					