

# Technical information

## Technical specifications: General data

Type	Gutor PXC 1000 single phase	Gutor PXC 3000 three phase
Ratings	10, 20, 30, 40, 50, 60, 80 kVA	
Operating temperature	-10 to 40 °C (100% nominal load), >60 °C, max. 55 °C with de-rating	
Allowable air humidity	<95% (noncondensing)	
Noise level	55 – 65 dBA (depending on rating)	
Communication	NMC for Web-browser-based monitoring including modbus RTU and modbus TCP	
Altitude above sea level	< 1,000m without load de-rating	
<b>Input</b>		
Rectifier	PFC rectifier (supplies 100% AC load @ 0.8 PF and charges battery with 20% of nominal power)	
Voltage	3x380/400/415 V	
Voltage tolerance	-10/+15%	
<b>Battery circuit</b>		
Nominal voltage	400 VDC	
Applicable batteries	Lead Acid, Nickel Cadmium	
<b>Output</b>		
Voltage	220/230/240 V	380/400/415 V
Tolerance (static)	+/- 1%	
Frequency accuracy	<0.01%	
Efficiency	Up to 94% (depending on configuration)	
Distortion	linear load: <2%/nonlinear load: <5%	
Overload inverter	230%/60 ms, 150%/1 min., 125%/10 min.	
Overload bypass	1,000%/100 ms, 150%/1 min., 125%/10 min.	
Paint	light gray, RAL 7035 structure	

## Dimensions

10-40 kVA UPS (H x W x D)	2100 x 600 x 800 mm (with no or 2 transformers)
10-40 kVA UPS (H x W x D)	2100 x 1000 x 800 mm (with 3 transformers)
50-80 kVA UPS (H x W x D)	2100 x 600 x 800 mm (with no transformers), 2100 x 1000 x 800 mm (with 2 transformers)
50-80 kVA UPS (H x W x D)	2100 x 1600 x 800 mm (with 3 transformers)

## Standards

ISO 9001	Quality system
IEC 62040-1	UPS general and safety requirements
IEC 62040-2	UPS EMC requirements
IEC 62040-3	UPS method of specifying performance and tests
IEC 60529	Degrees of protection provided by enclosures (IP Code)
IEC 60629	Low-voltage fuses
IEC 60079	Power transformers
IEC 60950	Safety of information technology equipment
IEC 60439	Low-voltage switch gear and control gear assemblies

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