

Technical information

Technical specifications

General data

Type	PXP 1000 single phase	PXP 3000 three phase
Ratings	5, 10, 15, 20, 30, 40, 50, 60, 80, 100, 120, 140, 160 kVA	
Operating temperature	-10 to +40 °C (max. 55 °C on request)	
Allowable air humidity	<95 % (non condensing)	
Noise level	55–65 dBA (depending on rating)	
Communication	Modbus, RS-232 / 485, Ethernet	
Altitude above sea level	< 1000m without load de-rating	
Input		
Rectifier	PFC technology (less than 5 % distortion back to line power)	
Voltage	3x380/400/415V (other voltages on request)	
Voltage tolerance	-10/ +15 %	
Battery circuit		
Nominal voltage	400VDC	
Applicable batteries	Lead Acid, Nickel Cadmium	
Output		
Voltage	220/230/240V (others on request)	380/400/415V (others on request)
Tolerance (static)	+/- 1 %	
Frequency accuracy	<0.01 %	
Efficiency	Up to 94 % (depending on configuration)	
Distortion	linear load: <2 % / non-linear load: <5 %	
Overload inverter	230 % / 60 ms, 150 % / 1 min, 125 % / 10 min	
Overload bypass	1000 % / 100 ms, 150 % / 1 min, 125 % / 10 min	

Standards

ISO 9001	Quality system
IEC 62040-1	Uninterruptible Power Supply (UPS) general and safety requirements
IEC 62040-2	Uninterruptible Power Supply (UPS) EMC requirements
IEC 62040-3	Uninterruptible Power Supply (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