

ONLINE UPS

RELIABLE POWER BACKUP
FOR SMART INFRASTRUCTURE



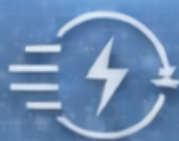
VOLTIX 5000 EP SERIES
100 - 800 KVA



Pure Sine
Wave Output



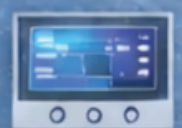
Intelligent
Microprocessor
Control



Fast Charging
System



Overload & Short
Circuit Protection



Smart LCD
Display

ONLINE UPS

VOLTIX 5000PF Series are, 3 Phase in/3 Phase out 10-800 kVA True Online, Transformer-less, Double Conversion UPS System with IGBT rectifier providing 0,9 Output Power factor and very low input current THD. They produce microprocessor controlled pure sine wave output to critical loads. Industrial manufacturing machines, hospital and monitoring equipment, heavy communication and laboratory equipment, etc. are the main fields of use with a proved reliable high technology.

VOLTIX 5000EP Series UPS

100-800 kVA 3 Phase Input - 3 Phase Output 0,9 PF Online UPS

MODEL	5100EP	5120EP	5160EP	5200EP	5250EP	5300EP	5400EP	5500EP	5600EP	5800EP
Apparent Power (kVA)	100	120	160	200	250	300	400	500	600	800
Active Power (kW)	90	108	144	180	225	270	360	450	540	720
INPUT										
Voltage	380/400/415 (Optional 440) Vac (3P+N+PE)									
Voltage Tolerance	±%5...%20 (Adjustable with %1 Step)									
Frequency	50 Hz (On Request 60 Hz)									
Frequency Range	%5									
THDi	<5%									
Power Factor	0,99									
OUTPUT										
Voltage	380/400/415 (Optional 440) Vac (3P+N+PE)									
Voltage Regulation	<±1%									
Frequency	50 Hz (On Request 60 Hz)									
Frequency Range	Synchronized to Network ±2% in line mode;±0,05 Hz in Free Running									
Crest Ratio	3:1									
Efficiency (100% Load)	Up to %93									
Power factor	0,9									
THDv	<3% Linear Load, <5% Non-Linear Load									
Overload	%100<Load<125 for 10 min., %125<Load<%150 for 1 min., Load>150: Bypass									
Short Circuit Protection	Electronic Protection									
BYPASS										
Voltage Range	380/400/415 Vac (3 P+N+PE) (Optional 440 Vac)									
Frequency Range	50 Hz ±10%									
BATTERY										
Type	Maintenance Free Lead Acid Battery									
Quantity	60									
Charge Voltage	810 Vdc									
End of Discharge Voltage	630 Vdc									
Battery Protection	Deep Discharge Protection									
Battery Test	Automatic / Manual									
DISPLAY PANEL										
LCD	Graphic LCD Panel, Mimic Panels and Control Panel									
LED	Line, Battery, Inverter, Load, Fault Indications									
COMMUNICATION										
Interface	Modbus RTU RS232, Dry Contacts (Battery Low, Input Failure, System Bypass)									
ENVIRONMENTAL										
Operating Temperature	0~40°C									
Storage Temperature	-25~+70°C									
Relative Humidity	%0-95 (Non Condensing)									
Altitude	<1000 m									
Cooling	Air Cooling									
Protection Level	IP20									
Acoustic Noise	<65dBA	<70 dBA	<74 dBA	<75 dBA						
PHYSICAL										
Dimensions (WxDxH)cm	550x800x1335	680x1010x1750	780x1260x1900	1600x870x1800	2190x801x2030	3220x870x1800				
Weight (kg)	290	315	490	540	870	1300	1370	1480	1700	1750
OPTIONS										
Functions	Parallel Operation, EPO Emergency Stop									
Communication	SNMP Modem									
STANDARDS										
Harmonized Standards	EN 62040-1 (LVD), EN 62040-2 (EMC), EN 62040-3									

FEATURES

- IGBT Rectifier and Inverter
- Input Current Harmonic < %5
- Regenerative Operating
- Re-adjustable Battery Charge Current
- Built-in Self-Test
- Silent Performance
- Up to 6 Parallel Operation
- DSP Controlled
- Up to 0.99 Input Power Factor Correction
- Static Bypass at UPS Overload or UPS Failure
- Advanced LCD Panel
- Up to 500 Event History
- High Performance for Medical Instruments
- Parallel Operating without Communication
- CE Certificate
- Patented Technology

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