

ONLINE UPS

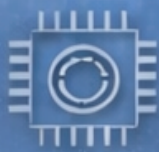
RELIABLE POWER BACKUP
FOR SMART INFRASTRUCTURE



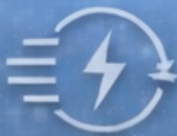
VOLTIX 5000 EP SERIES 10 - 80 KVA



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 Systems 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, medical, communication and laboratory equipment, etc. are the main fields of use with a proved reliable high technology.

Voltix 5000 EP Series UPS 10-80kVA 3 Phase Input - 3 Phase Output 0,9 PF Online UPS

MODEL	5010EP	5015EP	5020EP	5030EP	5040EP	5060EP	5080EP
Apparent Power (kVA)	10	15	20	30	40	60	80
Active Power (kW)	9	13,5	18	27	36	54	72
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)	>%92						
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 (3P+N+PE) (Optional 440 Vac)						
Frequency Range	50 (Optional 60) 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~+55°C						
Relative Humidity	%0-95 (Non- Condensing)						
Altitude	<1000 m						
Cooling	Air Cooling						
Protection Level	IP20						
Acoustic Noise	<55 dBA			<60 dBA			
PHYSICAL							
Dimensions (WxDxH)cm	350x795x1110			500x806x1213			
Weight without Batteries(kg)	100	105	110	110	135	140	155
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

ESIS Power Energy reserves the right to modify these details at any time without prior notification.