

ONLINE UPS

RELIABLE POWER BACKUP
FOR SMART INFRASTRUCTURE



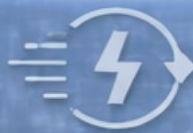
VOLTIX 7000 SERIES THREE LEVEL UPS



Pure Sine
Wave Output



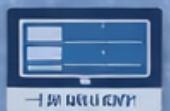
Intelligent
Microprocessor
Control



Fast Charging
System



Overload & Short
Circuit Protection



Smart LCD
Display

ONLINE UPS

VOLTIX 7000 Series are, 3 Phase in/3 Phase out 3 Level, High Efficiency True Online, Transformer-less, UPS Systems with IGBT rectifier providing highest input power factor and lowest 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 7000 Series Technical Specations

Three Level (3L) High Efficiency 3 Phase Input - 3 Phase Output Online UPS

MODEL	7010	7020	7030	7040	7060	7080	7100	7120	7160	7200	7250	7300
Rated Power (kVA)	10	20	30	40	60	80	100	120	160	200	250	300
Active Power (kW)	9	18	27	36	54	72	90	108	144	180	225	270
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	<%3											
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 %96											
Power Factor	0,9											
THDv	<2%											
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 Hz ± %10											
BATTERY												
Battery Type	Maintenance Free Lead Acid Battery											
Quantity	60											
Charge Voltage	810 Vdc											
End of Discharge Voltage	630 Vdc											
Battery Test	Automatic / Manuel											
Battery Protection	Deep Discharge Protection											
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	Forced Air Cooling											
Protection Level	IP20											
Acoustic Noise	<55 dBA	<60 dBA	<65 dBA	<70 dBA								
PHYSICAL												
Dimesions (WxDxH)mm.	350x795x1110	500x806x1213	500x880x1360	605x936x1605	780x1260x1900							
Weight (kg)	105	110	140	155	240	300	380	400	820	850		
OPTIONS												
Functions	Parallel Operation, EPO Emergency Stop, Isolation Transformer											
Communication	SNMP, Modem											
STANDARDS												
Harmonized Standards	EN 62040-1 (LVD), EN 62040-2 (EMC), EN 62040-3											

GENERAL FEATURES

- 3L UPS Technology
- High Efficiency Up to %96
- IGBT Rectifier and Inverter
- Input Current Harmonic<%5
- Up to 0,999 Input Power Factor
- Very Low Output THDv <%2
- Advanced LCD Panel
- Up to 500 Event Log History

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