ESISPOWER ENERGY

ONLINE UPS

RELIABLE POWER BACKUP
FOR SMART INFRASTRUCTURE



VOLTUS 600 Series
10-30 kVA

- Pure Sine Wave Output
- Intelligent Microperdience Control
- Fast Charging System
- Overload & Short Circuit Protection
- Smart LCD Display

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VOLTUS 600 Series Online UPS's protect mono phase critical loads against utility failures and irregular voltage cases where you have three phase electricity. They produce pure sine wave output via microprocessor controlled, manufactured withthe state of the art PWM and IGBT technology. Industrial automation, integrated facilities, building security automation,medical, communication and laboratory equipment, etc. are the main elds of use with a proved reliable high technology .

VOLTUS 600 Series Technical Specifications
3 Phase Input - 1 Phase Output (HF) Online UPS

MODEL	610	615	620	630
Power (KVA)	10	15	20	30
Active Power (kW)	9	13.5	18	27
INPUT				
Voltage	380/400/415 (Optional 440) Vac (3Ph+N+PE)			
Voltage Tolerance	±%20			
Frequency	50 Hz (On Request 60 Hz)			
Frequency Tolerance	±6%			
THDi	<%5			
Power Factor	0,99			
OUTPUT				
Voltage	220/230/240 (Optional 254) Vac (1Ph+N+PE)			
Voltage Regulation	<±1%			
Frequency	50 Hz (60 Hz On Request)			
Frequency Range	Synchronized to Network ±2% in Online Mode; ±0,05 Hz in Free Running			
Crest Ratio	3:1			
Efficiency (100% Load)	Up to %91			
THDv	<3% Linear Load, <5% Non-Linear Load			
Power Factor	0,8			
Overload	%100<load<%125 for 10 min., %125<load<150 for 1 min., load>150: Bypass			
Short Circuit P rotection	Electronic Protection			
BYPASS				
Voltage R ange	220/230/240 (Optional 254) Vac ±%15			
Frequency Range	50 or 60 Hz ± %10			
BATTERY				
Type	Maintenance Free Lead Acid Battery (On request other types)			
Quantity	60			
Charge Voltage	810 Vdc			
End of Discharge Voltage	630 Vdc			
P rotection	Deep Discharge Protection			
DISPLAY PANEL				
LCD	Graphic LCD Panel, Mimic Diagram 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	-20 °C~+50°C			
Storage Temperature	-20 °C~+60°C			
Relative Humidity	%0-95 (non condensing)			
Altitude	<1000m			
Cooling	Air Cooling			
P rotection Level	IP20			
Acoustic Noise	<55dBA			
PHYSICAL				
Dimensions (WxDxH) (mm)	350x795x1280			
Weight (kg)	95	100	100	105
OPTIONS				
Functions	Parallel Operation, EPO Emergency Stop, Isolation Transformer			
Communication	SNMP, Modem, Modbus			
STANDARDS				
Standards	EN 62040-1 (LVD), EN 62040-20 (EMC), EN 62040-3			

FEATURES

- Wide Power Range (Available 5-100 kVA per request)
- IGBT Rectifier and Inverter
- Input Current Harmonic < %5
- DSP Controlled
- Up to 0.99 Input Power Factor Corection
- Static Bypass at UPS Overload or UPS Failure
- Advanced LCD Panel
- Up to 500 Event History
- Optional SNMP

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