

POWER PLUS Series.

300KVA-800KVA

3:3 Phase PF: 0.9



- Online Double Conversion
- DSP Technology
- Standard Galvanic Isolation Transformer
- Parallel Operation up to 4 units
- LCD Touch Screen
- Small Footprint
- High Efficiency
- Adjustable Battery Number
- Control Designed to stand all kinds of Loads
- High Overload Capability
- Front Access for simplified Maintenance



Intelligent Management

performance and extend battery user life

- Intelligent SNMP achieves local monitoring and remote monitor
- Battery temperature compensation function extends battery service life
- battery self-test function and battery temperature compensation function improve the battery
- Multi Communication interface support UPS and load Intelligent monitoring
- Intelligent fan control according the load capacity reduce the noise and prolongs fan service life

Reliable Design

- The output isolation transformer provides high reliability to adept different harsh industrial environment and protect the critical loads
- 100% three phase unbalance load adapts to different kinds of complex applications
- wide input voltage range provides high adaptability to the grid and extend the battery service life
- Main PCB board with professional electromagnetic shielding improve reliable performance of EMC

Applications

- Computer Room
- Data Center
- Precision Instrument
- Intelligent Device
- Automation Equipment
- Glass & Metallurgy Industry
- Auto Manufacturing
- PLC System
- Petrochemical Industry
- Power Plant



Technical Specifications

MODEL	PLUS3300	PLUS3400	PLUS3500	PLUS3600	PLUS3800
Capacity	300KVA	400KVA	500KVA	600KVA	800KVA
INPUT					
Nominal Voltage	380/400/415Vac, 3Ph+N+PE				
Operating Voltage Range	285-475Vac				
Operating Frequency Range	50/60 ± 10%				
OUTPUT					
Output voltage	380/400Vac, 3Ph+N+PE				
Voltage regulation.	± 1%				
Power Factor	0.9				
Output frequency	1- Line Mode: synchronize with input output (50/60 ± 0.1) Hz				
	2- Battery Mode: (50/60 ± 0.1) Hz				
Crest factor	3 : 1				
THDv	<2% with linear load				
	<5% with non linear load				
Efficiency	UP TO 93%				
BATTERY					
Battery voltage	32 - 40 Adjustable				
	12VDC BATTERY				
Charge Current (A)	Default 10A , up to 40A maximum 5A @ full load				
STATIC BYPASS					
Type	Solid State				
Voltage	3 x 380/400VAC 3Ph+N				
Frequency	50/60Hz				
Activation. Criterion	Microprocessor control				
Transfer time	Zero				
Over load	0 - 150% Continuous working, 150% -180% 60Min, > 180% 5Min				
Transfer to bypass	Immediate for over loads above 160%				
Retransfer	Automatic after alarm clear				
MAINTENANCE BYPASS					
Type	Without Interruption				
Voltage	3 x 400V (3Ph + N)				
Frequency	50/60Hz				
System Features					
Transfer time	Utility to Battery: 0ms, Utility to bypass: 0ms				
Over load	Inverter mode: 10Min for 110%, 60Sec for 150%, >200ms for 160%				
	Bypass mode: 160% overload Immediate				
Alarm	over load, utility abnormalm UPS fault, battery low, high and low Voltage				
Protection	short crcuitm overload, over temperature, battery lowm fan fault. Alarm				
Communication	USB, RS485, Parralel port (option) , Coupler dry. Contact, Intelligent slot, SNMP, card (option), relay. Card (option)				
ENVIRONMENTAL					
Operating Temperature	0-40 C				
Storage temperature	25-55 C (No battery)				
Humidity	0-95% (non condensing)				
Altitude	< 1500m. When>1500m				
Noise level	<70dB				
PHYSICAL					
Dimension D x W x H (mm)	1640 x 1040 x 1900	1640 x 1040 x 1900	2800 x 1040 x 1900	3900 x 1100 x 1950	3900 x 1100 x 1950
Net weight (Kg)	1780	2050	3700	4500	6400
STANDARDS					
Safety	IEC/EN62040-1, IEC/EN60950-1				
EMC	IEC/EN62040-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-4, IEC61000-4-8				

