

# Pyramid Plus Series

Uninterruptible Power Systems  
On-Line Double Conversion Technology  
3 Phase in 3 Phase out / 10 to 300kVA



- On-line 'double conversion' technology
- State of the art IGBT & PWM technology
- Evolution and redundancy guaranteed by Parallel Systems
- Reliability of the battery ensured by Info-Charger
- Built-in maintenance and static by pass
- Galvanic isolation and/or modification for special voltages
- Comprehensive communication with computer & network systems and SNMP solutions
- Communication with building management systems
- Expandable and variable battery blocks
- 12 pulse rectifier options

## Accessories

### Communication

- Additional Relay Board (4 more alarm contacts)
- Remote Monitoring Panel without cable
- Cable for Remote Panel
- RS 232 to RS 485 Converter
- RS 232 Multiplier
- Modbus Adapter
- UPSMAN
- Multiserver Shutdown Licence
- External Adapter
  - SNMP Adapter Net Agent Mini DP 522
  - SNMP Adapter CS121BL

### Other

- Temperature Compensation
  - Split by-pass
  - Eco-mode
  - Parallel Kit
  - CNC Module for CNC Machines and Motor Load Applications
  - 12 Pulse Rectifier
  - Filters
  - Additional Battery Charger
  - Battery Protection
- Galvanic isolation is standard.

### Battery Cabinets

UPS looking battery Cabinets (different battery configuration available)

- V14, V15, V24, V33, V34

Eco Cabinets (different battery configurations available)

- BC00, BC10, BC20, BC30, BC40, BC50

# Pyramid Plus Specifications

MODEL	PPS 310	PPS 315	PPS 320	PPS 330	PPS 340	PPS 360	PPS 380	PPS 3100	PPS 3120	PPS 3160	PPS 3200	PPS 3250	PPS 3300	
Output Power kVA	10	15	20	30	40	60	80	100	120	160	200	250	300	
INPUT														
Voltage	380V / 400V 3 Phase													
Voltage Tolerance	±15%													
Frequency	50 / 60Hz													
Frequency Tolerance	±10%													
OUTPUT														
Power Factor	0.8													
Voltage	380V / 400V 3Phase													
Tolerance (Static Condition)	+ - 1%													
Tolerance (Dynamic Condition)	+ - 5%													
Harmonic Distortion Rate On Linear Load	<3%													
Harmonic Distortion Rate On Non-Linear Load	<5%													
Crest Factor	3													
Frequency	50 or 60 Hz													
Frequency Tolerance	±0.2%													
Overload														
100% - 125% Load	10min.													
125% - 150% Load	1min.													
Overall Efficiency	≥ 90%													
BATTERY														
Type	Maintenance - Free Lead Acid Batteries													
Quantity	30pcs 12V Batteries											32pcs 12V Batteries		
DISPLAY														
LED Display	Line, Battery, Bypass, Inverter, Maintenance Switch, Output Switch Indicators													
LCD Display	Load%, Output Voltage & Frequency, Input And By Pass Voltages, Battery Voltage and Current, Temperature, Alarm Messages													
COMMUNICATION														
Interface (Communication Ports)	RS232													
Dry Contact Signals	Line Failure, Battery Low, Load On By Pass, Battery CB Input, Battery CB Output, Emergency Stop Input													
PHYSICAL SPECIFICATIONS														
Weight Without Battery (kg)	225	255	270	285	400	475	655	815	940	965	1170	1465	1535	
Dimensions (mm) WxDxH	490x650x1190				565x860x1400		720x820x1450	1120x820x1650		1200x860x1730		1590x950x1900		
ENVIRONMENT														
Audible Noise	<55dBA					<60dBA			63 to 66dBA			<70dBA		
Operating Temperature	0-40°C													
Relative Humidity (Non Condensing)	0-95%													
Protection Level	IP20													
STANDARDS														
Standards	EN 62040-1-1 (Safety), EN 62040-2(EMC)													



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