

# Pyramid Plus Series

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
- ▶ Built-in output isolation transformer
- ▶ Comprehensive communication with computer & network systems and SNMP solutions
- ▶ Communication with building management systems
- ▶ Expandable battery blocks
- ▶ 12 pulse rectifier options



## Pyramid Plus Series Technical 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	
Output Power (kW)	8	12	16	24	32	48	64	80	96	128	160	200	240	
<b>INPUT</b>														
Voltage	380V / 400V 3 Phase													
Tolerance	±15%													
Frequency	50 / 60Hz													
Tolerance	± 5%													
<b>OUTPUT</b>														
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%													
<b>BATTERY</b>														
Type	Maintenance-free lead acid batteries													
Quantity	30pcs 12V Batteries											32pcs 12V Batteries		
<b>DISPLAY</b>														
LED Display	Line, Battery, Bypass, Inverter, Maintenance switch, output switch indicators													
LCD Display	Load%, Output voltage & frequency, Input and bypass voltages, Battery voltage and current, Temperature, Alarm messages													
<b>COMMUNICATION</b>														
Interface (Communication Ports)	RS232													
Dry Contact Signals	Line Failure, battery low, load on by-pass, emergency stop input													
<b>PHYSICAL SPECIFICATIONS</b>														
Weight without battery (kg)	225	255	270	285	400	475	655	815	940	965	1170	1465	1535	
Dimensions (cm) WxDxH	49x65x119			56,5x86x140			72x82x145		112x82x165		120x86x173		159x95x190	
<b>ENVIRONMENT</b>														
Audible Noise	<55dBA			<60dBA			<66dBA			<70dBA				
Operating Temperature	0-40°C													
Relative Humidity	0-95% (non condensing)													
Protection Level	IP20													
<b>STANDARDS</b>														
EN 62040-1-1 (safety), EN 62040-2(EMC)														