Autometers Alliance Ltd

Pegasus ◆ UPS®

PGS-31 SERIES

3Ø Input - 1Ø Output

10 - 30 kVA

Ratings (kVA/KW)	10/8	15/12	20/16	30/24	40/32
INPUT					
Nominal Voltage	3ø, 380 / 400 / 415V				
Voltage Range	350 to 460				
Frequency	50 or 60 Hz (Selectable)				
Frequency Range	40 to 60Hz				
OUTPUT					
Nominal Voltage	220V / 230V / 240V				
Frequency	50 or 60 Hz (Selectable)				
Power Factor	0.8				
Voltage Regulation	Static : ±1% Dynamic : ±5%				
Voltage Distortion	≤3% (Linear Load)				
Overload	125% for 10 Minutes				
Crest Factor	3:1				
Efficiency	Inverter : 93% Overall : 91%				
DC LINK					
Battery Voltage	384 Volts				
Voltage Tolerance	±1%				
Voltage Ripple	< ±1%				
STATIC BYPASS					
Switching Time	Inverter Failure : 2 ms Other Modes : 0				
ENVIRONMENTAL CONDITION					
Operating Temperature	0 - 40°C				
Storage Temperature	-20°C to +70°C (Not for Batteries)				
Relative Humidity	95% Non-condensing				
Maximum Altitude Above Sea Level	1000 Meters without derating				
PHYSICAL					
Dimensions (W×D×H) mm	390×910×630			530×920×860	
Approx. Weight (kg.)	200	250	300	350	380
GENERAL					
Ingress protection	IP – 20				
Audible noise at 1 Mtr.	< 60dBA		< 65dBA		
Cooling	Forced Air				

Standard Features :

- High Frequency PWM Using IGBTs
- Inbuilt Isolation Transformer
- Auto Re -Transfer Static Switch
- Manual Bypass
- Extended Battery Back-Up

Optional Features :

- SNMP for Remote Monitoring
- Software for Auto Shutdown
- Potential Free Contacts for Remote Indications & Shutdown
- Management Software
- Battery Management System
- Inbuilt Fire Protection
- IP 42
- O/p PF 0.9 to unity

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