

MODEL	PDS 500	PDS 600	PDS 800	PDS 1000
Output Power (kVA)	500	600	800	1000
Output Power (kW)	400	480	640	800
INPUT				
Voltage	380V / 400V / 415V 3			
Tolerance	± 15%			
Frequency	50 - 60 Hz			
Tolerance	± 10%			
DC Ripple Voltage	± 1%			
DC Ripple Current	max 2% of battery capacity defined			
OUTPUT				
Power Factor	0.8			
Voltage	380V / 400V / 415V 3			
Tolerance				
static condition	±1%			
step load (0%-100%-0%)	±8% recovering within tolerance into			
step load (0%-50%-0%)	±3% recovering within tolerance into			
Total Harmonic Distortion	< 2% (@ 100% linear load)			
Crest Factor	3:1 with 80% load			
Frequency	50 or 60 Hz.			
Frequency tolerance (free running)	± 0.01%			
Frequency tolerance (synchronized with utility)	±5%			
Overload				
125% load	10 min			
150% load	1 min			
Overall Efficiency	0.925			
Output Neutral Rating	2			
BATTERY				
Type	Maintenance-free lead acid batteries			
Quantity	32 pcs 12V Blocks			
Nominal DC Voltage	384VDC			
Float Voltage at 20C	436VDC			
Automatic and Manual Battery Test	Standard			
STATIC BYPASS				
Input Configuration	Common with Rectifier or Seperate			
Transfer Limits	± 10% of Nominal Adjusted Output			
Overload Capability	Continous at 110%			
Short Circuit Capability	5min @ 200% and half cycle @			
ENVIRONMENT				
Audible Noise	<68dBA			<70dB A
Operating Temperature	0-40°C			
Relative Humidity (non condensing)	0-95%			
Protection Class	IP 20			
PHYSICAL SPECIFICATIONS				
Weight Without Battery (kg)	2900	3100	3800	4000
Dimensions (mm) WxDxH	3400*1000*1800	3400*1400*1800	4200*1400*1800	
STANDARDS				
	EN 62040-1-1 (safety), EN 62040-			