

Technical Specification	
INPUT	
Voltage	Single Phase 220 Volt & Three Phase 415 Volt
Tolerance	- 25 % & + 20 %
Frequency	50 Hz \pm 5 %
OUTPUT	
Power Rating (at 0.8 PF)	2 kVA to 40 kVA
Voltage	Single Phase 220 Volt
Regulation (No load to Full Load)	0.5% (Steady State)
Regulation with 100 % Load application	2 %
Frequency (Free Running)	50 Hz \pm 0.1 %
Frequency (Mains Synchronised)	50 Hz \pm 2 Hz
Over Load Rating (1 Hour)	125 %
Over Load Rating (30 Seconds)	200 %
Crest Factor	4 : 1
THD at Full Linear Load	< 3 %
Load PF Linear	0.7 to 0.9 Lead within kW rating
STATIC TRANSFER SWITCH	
Transfer Time	< 1 ms
O/L Rating 100 ms	1000 %
GENERAL	
Efficiency (AC/AC)	>85 %
Efficiency (DC/AC)	> 93 %
Lighting Protection	Designed to withstand standard test impulses of 6 kVA & 3 kVA
Noise Suppression (EMI / RFI)	Designed to comply with VDE 0871 Class A
ENVIRONMENT	
Acoustic noise (Measured at 1 meter Distance)	< 42 dBA
Operating Temperature Range	0 - 48 deg. C
Relative humidity (Non Condensing)	95 %
Operating Altitude	Upto 2000 meters without Derating
BATTERY	
Type	Sealed Lead Acid Maintenance Free (SMF)
Anticipated Life	3 to 5 Years
INTERFACES	
Standard	DB 9 Connector for Novell / UNIX Output Signals
Software	Available as optional extra for most application
Remoting Monitoring	Dry Contact Available