

POWER RATING - KVA (RANGE)	1-2000 KVA (3 PH or 1 PH)
INPUT	
Rectifier Input voltage	3x400 VAC (STD) 3x380/480 VAC (Optional) 1x230VAC (STD) 1x220/240 VAC (Optional)
Input Voltage tolerance	352 – 456 v (Other operating range is Optional)
Input frequency/frequency tolerance (Hz)	50Hz ,+/- 5% or +/- 10% (60Hz Optional)
Input Power Factor	>0.99 at Full Load
OUTPUT	
Inverter Technology	Digital Control Microprocessor based
Wave form	Sine wave (Synchronize with Input Wave form)
Voltage (VAC)	3x400 VAC (STD) 3x380/480 VAC (Optional) 1x230VAC (STD) 1x110/120/220/240 VAC (Optional)
Voltage tolerance	±1 %
Correction Speed	100 v/sec
Response Time	10 ms
Frequency; Frequency Stability	50 Hz ; +/- 0.1%, (60Hz Optional)
Distortion factor	Less than 0.2 %
Allowable power factor	0.7 to 1.0, Lag & lead
Efficiency	>98 %
Overload	< 110% for 60 minutes, < 125% for 10 minutes < 150% for 1 minute
Protection Capability	Automatic High / Low Voltage Cut-off Overload / Short Circuit / Single Phasing Preventer
GENERAL	
Ambient temperature range for operating	0 to 50 °C (55°C temperature is on request)
Ambient temperature range for storage	-10 to +65 °C
Altitude above sea level	< 1000m
Allowable air humidity	5 – 95 % Non condensing
Noise level standard	50 to 70 dB*
Insulation resistance	≥2MΩ
Dielectric strength	Input to earth , output to earth 1500 VAC for 1 min
Cable access mode	bottom(Top Entry Optional)
Degree of Protection	IP20, 31, 41 as per IEC 60529
Painting	Grey, RAL 7032
Standards	IEC 950, 439, 146, 726, EMC (62040-2), Safety (62040-1-2), Performance Test (62040-3)
Cooling	Air Cooled or Oil Cooled

*Depends up on rating.

**All specifications are subject to change without notice.