



TECHNICAL SPECIFICATION											
Capacity(KVA)	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	150KVA	200KVA
DC CHARACTERISTICS											
Nominal Float Voltage	192V	240V	240V	360V	360V	360V	360V	360V	360V	360V	360V
Recharge Time	6-7 hrs. For 90% recover. 8-10 hrs. For 100% recovery										
By Pass	Manual /static										
INPUT PHASE	Three										
Voltage Range	415, ±25%-30% in 3-phase										
Power Factor	At 0.9 with active PFC										
Frequency	50HZ, ±3Hz										
OUTPUT PHASE	Three										
Voltage Regulation	400,±1% in three phase										
Full Load Current RATED	At 0.8 P.F										
Normal Frequency	50HZ, ±3Hz										
Over Load	125% for 10 Minutes & 150% For 1 Min										
Static Voltage Regulation	+6% for 50% step Load change										
Dynamic Voltage Regulation	+1%of nominal for all variations of line load +10 of 10% to 100% step load change										
Waveform	Sinusoidal										
Total Harmonic Distortion	For linear loads										
Inverter Efficiency	85% to 93% on full load depending on capacity										
Crest Factor	01:04										
PROTECTIONS											
Charge	Input circuit breaker, Charger over voltage Phase failure, Charge over current limit Abnormal										
Battery	Battery low cut off / current limit, HRC fuse, phase sequence in battery path, Battery over charger trip										
Inverter	Output over voltage / over load trip, Current limit, S.C. Protection										
INDICATION / METRING / DISPLAY											
Indications	Main ON, Charger On,Battery Low,Bypass load										
Display	Graphical display										
ENVIROMENTAL/ OPTIONS											
Operating Temperature Range	0°C to 50°C										
Relative Humidity	95% non condensing										
Max.Operating-Altitude Without Derating	7500 ft / 2285m										
Acoustic Noise	< 50db										
Options	PF Corrections/Remote display/ Control software/SNMP										
Communication	SMS alert upto 5 mobile numbers for power failure & abnormal conditions										