



TECHNICAL SPECIFICATION				
Capacity(KVA)	10KVA	15KVA	20KVA	30KVA
DC CHARACTERISTICS				
Nominal Float Voltage	192V/240V	240V	240V/360V	360V
Recharge Time	6-7 hrs. For 90% recover. 8-10 hrs. For 100% recovery			
By pass	Static/manual			
INPUT PHASE	Three			
Voltage Range	415, ±25%-30% in 3-phase			
Power Factor	At 0.9 with active PFC			
Frequency	50HZ, ±3Hz			
OUTPUT PHASE	Single			
Voltage Regulation	230,±1% in single 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			
Battery	Battery low cut off / current limit, HRC fuse, phase sequence in battery path,			
Inverter	Output over voltage / over load trip, Current limit, S.C. Protection			
INDICATION / METRING / DISPLAY				
Indications	Main ON,Chargers 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			