

INVERTER RATING (KVA)	3.5KVA	5KVA	5KVA	7.5KVA	10KVA	15KVA	20KVA	25KVA	30KVA
<b>A. SOLAR CHARGE CONTROLLER (SCC)</b>									
1	Charger Type & Topology								
2	Buck Type MPPT								
2	PV Total Nominal Capacity (KVA)								
3	No. of MPPT Channels								
4	Per Channel PV Capacity (w)(Nominal Peak)								
5	Max. open Circuit PV Volts (Voc)								
6	MPPT Voltage Range (Volts)								
7	PV Minimum Voltage (Volts)								
8	Max. I/P Amps per channel (Amps)								
9	Max. Battery Amps during PV Charging(Amps)								
10	Max. SCC O/P (Amps)								
11	Battery type Supported								
12	Min. Battery AH (Suggested)								
13	Peak charging Efficiency (%)								
<b>B. SOLAR INVERTER</b>									
1	No. of Phases/Connection Type								
2	Nominal Battery Voltage (Volts)								
3	Battery Ripple								
4	Nominal Output Voltage/Frequency (Volts/Hz)								
5	Nominal KVA Capacity (KVA)								
6	Output Amps								
7	Voltage Regulation (in standalore Mode)								
8	Freq. Regulation (in Standalone mode)								
9	THD								
10	Load Power Factor								
11	Efficiency (%): Peak/ 100% Load/25% Load								
12	Over Loads :								
13	Max Allowed Phase Imbalance (%)								
14	Auto Bypass Feature								
<b>C. GRID CHARGER</b>									
1	Grid Voltage Range (Voltage Sync. Range)								
2	Grid Frequency Range (Freq. Sync. Range)								
3	Max Grid Import Power (KVA)								
4	Max Battery Amps During Grid Charging (Amps)								
5	Peak charging Efficiency (%)								
<b>INVERTER (KW)</b>									
1	PV Side								
2	Battery Side								
3	Grid Side								
4	Load Side								
5	System Protection								
<b>D. USER INTERFACE</b>									
<b>1. DISPLAY INTERFACE</b>									
<b>2. DISPLAYED PARAMETERS</b>									
1	Battery Parameters								
2	PV Parameters								
3	Grid Parameters								
4	Load Parameters								
5	Data Logging								
6	System Level								
<b>3. INDICATIONS/PROTECTION</b>									
1	LED Indications:								
2	User Keypad for Settings Change								
3	Breakers at all inputs/Space Heater/Emergency stop Button								
4	Over shoot due to misbehaviour of BHMS								
5	Remote monitoring: Optional*								
<b>Designed and Manufactured the product as for IEC</b>									
<b>MISCELLANEOUS</b>									
1	Degree of Protection								
2	Cooling Method								
3	Operating Temperature								
4	Humidity (Non-condensing)								
5	Altitude (above sea level)								
6	Housing								
7	Colour Shade								
8	Cable Entry								
9	Cable Termination Type								
10	Terminal Sizes(PV/Battery/Grid/Load)								