Parameters   Model   Rating   Solar UPS(PWM HOME PCU)	TECHNICAL SPECIFICATION						
Model   Rating   Units   2.5k/36V   2.5k/48V   3k/48V   5k/48V   5000VA   2000VA   2000VA   2000VA   3000VA   5000VA	Parameters						
Charge controller Max Amp	Model	Units	2.5k/36V	,			
Charge controller Max Amp   Solar Voltage (Min-Mex)   VOC   32-60   64-120   64-120   64-120   3000   3000   2550   300	Rating						
Solar Voltage (Min-Max)			2000 17 (	2000 17 (	000077	0000 17 (	
Solar Voltage (Min-Max)	Charge controller Max Amn	А	50				
Max PV Power   W				64-120	64-120	64-120	
Switching Element   Type of Charger   Switching Element   Type of Charger   CVCC_PWM   Switching Element   Type of Charger							
Switching Element   Type of Charger   Efficiency   95%		VV	1				
Switching Element   Type of Charger   CVCC_PWM	Cell Support				00/72	60/72	
Type of Charger   Efficiency   95%	Curitahina Flamant						
Efficiency   Battery   95%							
Low cut off Low Buzzer High cut off Boost Charging Volt by Grid Charging Voltage by Solar Charging current by Grid  No of Phase Voltage range Frequency range Hz  Micro-Controller Output Voltage Phase Output Voltage Frequency  Noverload  > 150% Load - 1Sec  Load-Short circuit System On/OFF Switches  Led Indication Alarm Protection Protection  Input Output Output Output Output Overload Alarm  Frequency Alarm  Doverload  Load Battery Low Diaglage Protection Load Battery Low Judge, Current, Frequency Cooling  Fater Low High Battery Low High Battery Coverhead, Massophion, Float & Equalize) Solar  Status and Faults  Overhead, Mass High / Low, Invester on High, Output Overhead, Battery Charging Current prequency  Voltage, Current, Frequency Solar Status and Faults Overhead, Massophion, Float & Equalize) Solar  Status and Faults Overhead, Mass High / Low, High, Output Overhead, Ranging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Overhead, Mass High / Low, Battery Cow High, Output Cooling Forced Air Cooling(Temp Controlled)	• • • • • • • • • • • • • • • • • • • •	_					
Low cut off Low Buzzer High cut off High cut off Boost Charging Voit by Grid Charging Voit by Grid Charging Voit by Grid Charging Voit by Grid No of Phase No of Phase Voltage range Frequency range Hz Wicro-Controller Output Voltage Phase Output Waveform Frequency Fr	Efficiency						
Low Buzzer High cut off Boost Charging Voltage by Solar Charging Voltage by Solar Charging Current by Grid  No of Phase  No of Phase  Voltage range Frequency range  Hz  Micro-Controller Output Voltage Phase Output Waveform Frequency Fre							
High cut off Boost Charging Voltage by Solar Charging Voltage by Solar Charging current by Grid  No of Phase  No of Phase  Voltage range  Frequency range  Hz  Micro-Controller Output Voltage Phase Output Waveform Frequency Frequency Frequency  A 255  Overload  Noverload  Nov							
Boost Charging Volitage by Solar Charging Voltage by Solar Charging Current by Grid Charging Current by Grid A  Srd  No of Phase Voltage range Frequency range  Micro-Controller Output Voltage Phase Output Waveforn Frequency Fr							
Charging Voltage by Solar Charging current by Grid  No of Phase  No of Phase  Voltage range  Frequency range  Hz  Inverter  Micro-Controller Output Voltage Phase Output Waveform Frequency Frequency Frequency  Hz  Digitally Filtered Pure Sine Wave Frequency  Hz  Upto 125% Load - 1Min Overload  > 150% Load - 1Sec  Load-Short circuit System ON/OFF Hybrid / PCU / PS Mode Led Indication Alarm  Alarm  Alarm  Battery Low, Overload, Charger ON, Inverter ON Output Output Output Output Output Output Output Solar Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient Protection  Load Short Circuit Protection, Under voltage and Over Voltage Protection  Load Sattery Low, Overload, Charger ON, Inverter ON Output Output Output Output Solar Output Outp		V	V 15.5 +/- 2%				
Charging current by Grid   A   10 +/- 2%			14.5 +/- 2%				
No of Phase  No of Phase  Voltage range  Frequency range  Hz  A5-55  Micro-Controller  Output Voltage  Phase  Output Waveform  Frequency  Frequency  Hz  Digitally Filtered Pure Sine Wave  Frequency  Hz  Digitally Filtered Pure Sine Wave  Frequency  Hz  Solar  Solar  Diverter ON, Mains CoN, Battery Low / High, Overload, SPV Charging  Battery Low, Overload, Charger ON, Inverter ON  Overload, Short Circuit  Protection  Coulput Waveform  Digitally Filtered Pure Sine Wave  125% - 1\$03% ♠ 9ad - 5\$ec  Load-Short circuit  System ON/OFF  Hybrid / PCU / Smart Mode  Inverter / UPS Mode  Led Indication  Inverter ON, Mains CON, Battery Low / High, Overload, SPV Charging  Battery Low, Overload, Charger ON, Inverter ON  Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Aircy, Over Temperature Protection, Under voltage and Over Voltage Protection  LOD Display Parameters  Input  Output  Voltage, Current, Frequency  Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize)  Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize)  Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other							
No of Phase  Voltage range  Trequency range  Hz  A5-55  Micro-Controller Output Voltage Phase Output Waveform Frequency Frequency Frequency  Hz  A5-56  Micro-Controller Output Waveform Frequency Frequency Frequency Frequency  Hz  Digitally Filtered Pure Sine Wave Frequency Frequency  Hz  Solar  Alarm  Alarm  Alarm  Protection  Digitally Filtered Frequency  Alarm  Alarm  Alarm  Alarm  Doverload, Short Circuit Protection, Under voltage And Over Voltage, SPC Surge and Transient protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input  Output  Load  Battery Lowal Running Load in Watt Battery  Battery  Charging Stages (Soft Start, Bulk, Absoption, Float & Equalize)  Solar  Status and Faults  Other  Cooling  Forced Air Cooling (Temp Controlled)	Charging current by Grid	Α					
Notage range   100-280(Inverter)   180-260(UPS)							
Noltage range   100-280(Inverter)   180-260(UPS)   Frequency range   Hz	No of Phase	1Phase-3Wire P,N,E					
Frequency range  Micro-Controller Output Voltage Phase Output Waveform Frequency Frequency Frequency  Later Indication Alarm Protection Protection Protection Protection Protection  Input Output Saltery Charging Battery Charging Current, Frequency Charging Current by Golar, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Status and Faults Output Cooling  Cooling Forced Air Cooling(Temp Controlled)	Voltago rango						
Micro-Controller   32 Bit DSP (Microchip & ST)	voltage range						
Micro-Controller	Frequency range	,					
Output Voltage Phase Output Waveform Frequency							
Phase Output Waveform Frequency Frequency Hz  Upto 125% Load - 1Min Overload  > 150% Load - 1Sec  Load-Short circuit System ON/OFF Hybrid / PCU / Smart Mode Inverter ON, Mains ON, Battery Low / High, Overload, SPV Charging Alarm Alarm Battery Low, Overload, Charger ON, Inverter ON Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient Protection Protection  Input Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input Output Voltage, Current, Frequency Load Battery Load Battery Low & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Solar Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Status and Faults Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low, Battery Low, High Other Forced Air Cooling(Temp Controlled)	Micro-Controller						
Output Waveform Frequency Hz 50 Upto 125% Load - 1Min Overload > 150% Load - 1Sec Load-Short circuit System ON/OFF Hybrid / PCU / Smart Mode Inverter / UPS Mode Led Indication Alarm Alarm Battery Low, Overload, Charger ON, Inverter ON Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient Protection Protection UCD Display Parameters Input Output Coda Battery Low Actual Running Load in Watt Battery Solar Solar Solar Status and Faults Other Cooling Forced Air Cooling(Temp Controlled)  Display Forced Air Cooling(Temp Controlled)  Dipto Upto Hz Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under Voltage and Over Voltage Protection  Load Overload, Short Circuit Protection, Over Voltage Protection  Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under Voltage, Current, Frequency  Voltage, Current, Frequency  Voltage, Current, Frequency  Voltage, Current, Frequency  Solar  Solar  Solar  Solar  Solar Overload, Short Circuit Protection, Over Voltage Protection  Uctor Voltage, Current, Frequency  Voltage, Current, Frequency  Voltage, Current, Frequency  Voltage, Current, Frequency  Voltage, Charging Current by Grid/Solar,  Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High,  Output Low, Battery Low/ High	Output Voltage						
Digitally Filtered Pure Sine Wave Frequency Hz  So  Upto 125% Load - 1Min  Overload  > 150% Load - 1Sec  125% - 150% ♠9ad - 5Sec  Load-Short circuit System ON/OFF Hybrid / PCU / Smart Mode Inverter / UPS Mode  Led Indication Alarm  Inverter ON, Mains ON, Battery Low / High, Overload, SPV Charging  Battery Low, Overload, Charger ON, Inverter ON Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient Protection  Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient Protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input Voltage, Current, Frequency Voltage, Current, Frequency Load Load in % Actual Running Load in Watt Battery Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize) Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)	Phase	·					
Frequency  Hz  Upto 125% Load - 1Min  Overload  > 150% Load - 1Sec  125% - 150% Agad - 5Sec  Load-Short circuit  System ON/OFF  Hybrid / PCU / Smart Mode Inverter / UPS Mode  Led Indication  Alarm  Alarm  Alarm  Overload, SPV Charging  Battery Low, Overload, Charger ON, Inverter ON  Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input  Output  Voltage, Current, Frequency  Load  Load In % Actual Running Load in Watt  Battery  Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar  Solar  Solar Voltage, Charging Current by Solar, Charging Stages (Soft Start, Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Forced Air Cooling(Temp Controlled)	Output Waveform						
Upto 125% Load - 1Min  Overload  > 150% Load - 1Sec  125% - 1503 ♠ Apad - 5Sec  Load-Short circuit  System ON/OFF Hybrid / PCU / Smart Mode Inverter / UPS Mode  Led Indication Alarm  Battery Low, Overload, Charger ON, Inverter ON Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  UCD Display Parameters  Input Output Voltage, Current, Frequency Load Load in % Actual Running Load in Watt Battery Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Solar  Status and Faults  Other  Cooling  Forced Air Cooling(Temp Controlled)	Frequency	•					
Overload > 150% Load - 1Sec 125% - 150% 6 9 ad - 5Sec   Load-Short circuit  System ON/OFF  Hybrid / PCU / Smart Mode  Inverter / UPS Mode  Led Indication Inverter ON, Mains ON, Battery Low / High, Overload, SPV Charging  Alarm Battery Low, Overload, Charger ON, Inverter ON  Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient  protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature  Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input Voltage, Current, Frequency  Output Voltage, Current, Frequency  Load Eattery Level & Battery Voltage, Charging Current by Grid/Solar,  Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start,  Bulk, Absoption, Float & Equalize)  Status and Faults Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High,  Output Low, Battery Low/ High  Other Forced Air Cooling(Temp Controlled)							
Load-Short circuit System ON/OFF Switches  Hybrid / PCU / Smart Mode Inverter / UPS Mode  Led Indication Alarm Battery Low, Overload, Charger ON, Inverter ON Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input Voltage, Current, Frequency Output Load Load in % Actual Running Load in Watt Battery Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Solar Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize) Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High Forced Air Cooling(Temp Controlled)	Overdeed	40-04 4-004 1 1 50					
System ON/OFF Hybrid / PCU / Smart Mode Inverter / UPS Mode Inverter ON, Mains ON, Battery Low / High, Overload, SPV Charging Battery Low, Overload, Charger ON, Inverter ON Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters Input Voltage, Current, Frequency Output Load Load in % Actual Running Load in Watt Battery Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize) Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Cooling Forced Air Cooling(Temp Controlled)	Overload						
Switches  Hybrid / PCU / Smart Mode Inverter / UPS Mode  Led Indication  Inverter ON, Mains ON, Battery Low / High, Overload, SPV Charging  Battery Low, Overload, Charger ON, Inverter ON  Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input  Voltage, Current, Frequency  Output  Voltage, Current, Frequency  Load  Load in % Actual Running Load in Watt  Battery  Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar  Solar  Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Cooling  Forced Air Cooling(Temp Controlled)							
Inverter / UPS Mode  Led Indication Inverter ON, Mains ON, Battery Low / High, Overload, SPV Charging Battery Low, Overload, Charger ON, Inverter ON Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input Voltage, Current, Frequency Output Load Voltage, Current, Frequency Load in % Actual Running Load in Watt Battery Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Solar Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize) Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High Other  Cooling Forced Air Cooling(Temp Controlled)							
Led Indication Alarm Battery Low, Overload, Charger ON, Inverter ON Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input Voltage, Current, Frequency Output Load Battery Load Battery Load Battery Battery Load Battery Battery Solar Solar Solar Solar Solar Solar Solar Status and Faults Other Cooling Forced Air Cooling(Temp Controlled)  Inverter ON, Mains ON, Battery Low / High, Overload, SPV Charging Surges (SPV Charging Surges) Solar Voltage, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection, Under Voltage and Over Voltage Protection  Voltage, Current, Frequency Load in % Actual Running Load in Watt Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High	Switches						
Alarm  Battery Low, Overload, Charger ON, Inverter ON  Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input  Voltage, Current, Frequency  Output  Load  Load in % Actual Running Load in Watt  Battery  Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar  Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)							
Overload, Short Circuit Protection, Over Voltage, SPC Surge and Transient protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input  Voltage, Current, Frequency Output  Load  Load in % Actual Running Load in Watt  Battery  Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar  Solar  Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)							
Protection protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input Voltage, Current, Frequency Output Voltage, Current, Frequency Load Load in % Actual Running Load in Watt  Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize)  Status and Faults Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Cooling Forced Air Cooling(Temp Controlled)	Alarm						
Protection, Under voltage and Over Voltage Protection  LCD Display Parameters  Input  Voltage, Current, Frequency  Voltage, Current, Frequency  Load  Load in % Actual Running Load in Watt  Battery  Battery Level & Battery Voltage, Charging Current by Grid/Solar,  Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar  Solar  Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start,  Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High,  Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)	<b>5</b>						
Input Voltage, Current, Frequency Output Voltage, Current, Frequency Load Load in % Actual Running Load in Watt  Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling Forced Air Cooling(Temp Controlled)	Protection	Protection protection (MOV Varistors), Reverse Polarity of Battery, Over Temperatu					
Input Output Voltage, Current, Frequency Voltage, Current, Frequency Load Load in % Actual Running Load in Watt Battery Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize) Solar Solar Solar Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High Other Cooling Forced Air Cooling(Temp Controlled)	•						
Output  Load  Load in % Actual Running Load in Watt  Battery  Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar  Solar  Solar  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)	Input		ECD Display Paral		ont Fraguese:		
Load in % Actual Running Load in Watt  Battery  Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar  Solar  Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)							
Battery Level & Battery Voltage, Charging Current by Grid/Solar, Charging Stages(Soft Start, Bulk, Absorption, Float & Equalize)  Solar Solar Voltage, Charging Current by Solar, Charging Stages(Soft Start, Bulk, Absoption, Float & Equalize) Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling Forced Air Cooling(Temp Controlled)	•						
Solar  So	Load						
Solar Voltage, Charging Current by Solar, Charging Stages (Soft Start, Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling (Temp Controlled)	Battery						
Solar  Bulk, Absoption, Float & Equalize)  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)							
Status and Faults  Overheat, Mains High / Low, Inverter On/Off, SPV Status Low /High, Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)	Solar		Joiai Voltage, V				
Output Low, Battery Low/ High  Other  Cooling  Forced Air Cooling(Temp Controlled)	01.1		Overheat, Mai				
Cooling Forced Air Cooling(Temp Controlled)	Status and Faults						
			Other				
	Cooling						
Operating remp	Operating Temp	C 0-50					
	Operating Humidify % 95						
* Specification may change due to continuous R&I							