SOLAR HYBRID PCU

SUNMAGIC SERIES SINGLE PHASE THREE PHASE



ENERGY THAT DRIVES FUTURE

Answering All Power Needs



EnerTech

No.80

www.enertechups.com

EnerTech



EnerTech

INVERTER

30 Years Experience In Manufacturing And Development In Cutting Edge Inverter And Converter Technology.

ABOUT ENERTECH

VISION

To enrich our customers with reliable, clean and interrupt free power with use of conventional and non conventional sources.

QUALITY POLICY

At Enertech UPS Pvt. Ltd. our core purpose is to ensure customer - delight through offering a range of power electronics products that meets international standards of quality and performance with emphasis on user - friendliness and economy as parameters for continual improvement of products as well as our quality management systems.

VALUES

- ◆ We believe in continual improvement for the betterment.
- We will never give up service, we stand with our comitments
- Organization before Self
- We have no Place for Non Performers.

Enertech[®] UPS Pvt. Ltd. is a leading fast moving Indian multinational manufacturing company, providing the next generation technology products solutions for the Renewable and Power sectors.



We provide a comprehensive wide range of power management solutions including Solar hybrid Inverter, Solar UPS, Online UPS, Industrial UPS, Industrial Battery Charger, Static Frequency Converter. With the in-house R&D setup Enertech strive for constant success in leveraging technological innovation with next generation patented technology solutions.

Enertech[®] with its head quarter at Pune was established in the year 1989. All operations are at Sigma Level 4.87. The company has purposefully expanded by providing power solutions for IT, Industrial, Healthcare, Banking, and Infrastructure over the period and expanded footprints in Africa, Tanzania, Zambia, Cameroon, Nigeria, Niger, Yemen, Sudan, Zimbabwe, USA.



Benefit With Next Generation Patented Technology For Your Renewable Energy Needs With Our Solar Hybrid Inverter.



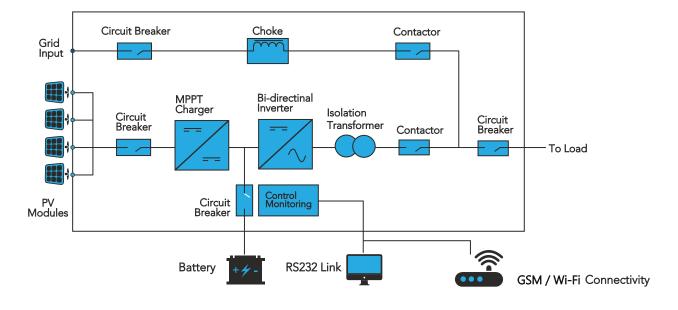
• Industrial Leading Warranty Terms.

Key Design Differentiating Features for Maximum Performance & Reliability

- Bidirectional Power Conversion Technology With Inbuilt Isolation Transformer
- 2 Innovative MAXIMUM POWER POINT TRACKER (MPPT) Solar Power Conversion Technology.
- 3 High Performance All Digital Control
- **4** SunMagic PCU with Multiple Charging Sources Availability
- 5 Paralleling Solar PCU: Load Sharing-System Flexibility (Optional)
- 6 Battery Management
- **7** Enertech[®] SunMagic Series is compatible with Different Battery Technologies
- 8 Battery Less Features
- 9 Anti-Islanding IEC 62116 & IEC 61727 compliance

ABOUT SUNMAGIC SERIES

SunMagic Solar Hybrid Inverter (PCU) design with its Patented Technology deliveres the Highest Reliabilities and performance in the industry to go along with the quality that the user are accustomed to when specifying SunMagic.



POWER CONDITIONING UNIT

UNIQUE FEATURES



Bidirectional Inverter



IGBT Based Rectifier



Flexibility in Design



Advanced Multiple DSP



Grid Utilization



Support Multiple Input



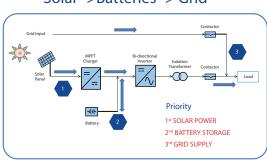
Battery Less Operation



Monitoring Features

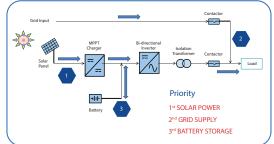
Possible Operating mode

User Selecting Any Mode From Below Mode IEC61727

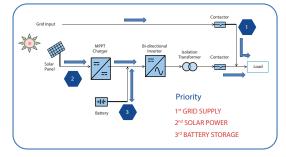


Solar ->Batteries -> Grid

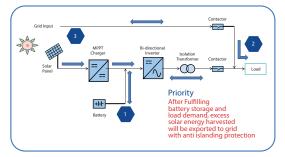
Solar -> Grid -> Batteries



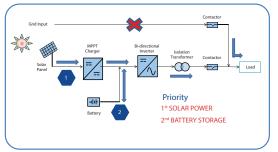
Grid -> Solar ->Batteries



Grid Feed Mode



INVERTING Mode





Remote Monitoring Solution

MONITORING ON THE GO & AT YOUR DESK !!!

Suitable Protocol: RS-232/MODBUS/RS-485

IOT based monitoring system- to enable customer to monitor critical PCU systems at their desk or phone. By using remote monitoring equipment at your sites, you'll now have the visibility you need to monitor and control your Systems.

- All PCU systems in a facility is connected to Enertech[®] RMS Interface to collect data and transfer to network system / cloud to process data
- Remote PC , mobile is configured with RMS Software for PCU monitoring on the GO and always at your desk.



BENEFITS

- Continuous PCU monitoring and access to data.
- Load trend and graphs in your mobile.
- Data on power failures in a day / week / month.



- PCU Alerts on email /SMS.
- Daily/weekly/monthly reports
- 24x7 remote monitoring Peace of mind.
- Connectivity Via GSM/Wi-fi.
- Report with pop-up alarms.



Specifications (SUNMAGIC | Single Phase | 5kVA - 30kVA)

STANDARD SPECIFICATION				SUNN	/IAGIC - 5kV/	to 30kVA			
INVERTER CAPACITY (kVA)	5	6	8	10	12.5	15	20	25	30
INPUT									
Input Voltage Range*				17	'0 V to 260 V	', 1 Phase			
Nominal Frequency					50 Hz (± 6%	6)			
Input Fault Level					10 kA				
Self-Consumption					upto 4%				
DG / Grid Compatibility					Yes				
SOLAR									
Charger Type					MPPT				
Max PV Voltage (VOC)	250	250	250 / 300	300	300	300 / 500	300 / 500	500	500
MPPT Voltage Range			130 - 200V fo	r 96VDC / 1	65 -250V for	120VDC / 28	0-450V for 2	240VDC	
MPPT Modes Available					2 (Selectab	le)			
No. Of Channels					1				
Max I/P Amps per Channel (Amps)	52	63	83 / 66	83	104	125 / 63	166 / 83	104	125
Panel Reverse Protection	1				Yes	• '	• '		
Solar Charger Efficiency					upto 95	%			
BATTERY									
Nominal Battery Voltage (VDC)	96	96	96 / 120	120	120	120/240	120 / 240	240	240
Grid Charging Current				Se	ectable as 5/	A Steps	1 '		
Input Power Factor (Grid Charging)					Near to Un	ity			
Battery Charging Voltage				Selec	table from LC				
Type & No. Of Cells				Lead Ac	id / VRLA / N	i-Cd/Lithium			
Ουτρυτ					<u> </u>				
OUtput Current (Amp)	17.5	21	28	34	44	53	70	87	105
Load Power Factor					0.8 lag			J	
Output Voltage (Inverter Mode)					230V AC ± 2	2 %			
Voltage Regulation					± 2 %				
Output Frequency (Free Running)					50 Hz ± 0.5	%			
Output Waveform					Pure Sine wa				
Peak Inverter Efficiency (Full Load)					Upto 92	%			
Total Harmonic Distortion				≤	3% at Linear	Load			
Overload Capacity				125% f	or 60Sec, 150	0% for 5 Sec			
Changeover Time (Full load)					20 msec				
DC to AC Isolation			In b	uilt Isolatio	n Transforme	er at Inverter	Output		
Anti-Islanding Function					n Compliance				
Duty					Continuou				
CONFIGURATION									
Modes Available				Hybrid.	Grid Export,	Standalone			
Battery Buffer Setting					able for 25%				
GRID feed mode					Disable opti	,			
ENVIRONMENTAL									
Acoustic Noise Level from 1 m distance (Ref: ISO 3746)					≤ 65 dB				
Operating Temperature					0 to 40 Deg	Dust fr	ee, Cool & D		ment
Storage Temperature				-1() Deg C to 60				
Relative Humidity					95 % (Non-Co	-			
Altitude					1000 & (100		eviation) **		
PHYSICAL				500					
Enclosure Protection Grade			IP 20 Compa	tible to IEC	50520.2001	02= Δε por №4		ment	
Enclosure thickness					.0mm & all c			anem	
					Forced Air				
Cooling									
Color					RAL 7016	•			
Cable Entry					Bottom				

* with tolerance of 5v

** 1.6 % derating per 100 m

PARAMETERS DISPLAYED ON LCD MIMIC												
General Group	System Rating, Date & Time, Current Status, Configuration, Fault Log											
Input Group			Inp	ut Voltage, I	nput Current,	Input Frequ	ency					
Output Group			Output	Voltage, Ou	tput Current,	Output Freq	luency					
Battery Group	Battery Voltage, Charging Current, Discharging Current, Battery Status											
Solar Group	Solar Voltage, Solar Current, Solar Power (KW), Solar Energy (KWh)											
Fault Log	Recent 9 fault log since last time											
Inverter Group		Voltage, Current										
Configuration				SGB, SBC	G, GSB, GFM,	INVERTER						
Indication of Mimic		Fault, P	V On, Grid O	n, Load On N	/lains, Inverte	r On, Charge	er On, Load C	On Battery				
Message Display On LCD	Output Under Voltage, Output Over Voltage, Output Overload, Short-Circuit, Standby Mode, Battery Low											
Reset			Buzzer res	et (Manual)	, Overload, Sł	nort Circuit, I	Battery Low					
PROTECTIONS			ALARMS A	RE PROVIDE	ED FOR IMPO	RTANT PRO	TECTIONS					
Input Group	Input MCB/MCCB, Input Under Voltage, Input Over Voltage, Charger Over voltage, Surge											
Output Group	Output High, Output Low, temperature, Over Load, Short Cuircuit											
Battery Group	Battery MCB/MCCB, Battery Low, Battery Over voltage											
Solar Group			9	Solar MCB/N	1CCB, Solar Fu	use, Surge						
CONNECTIVITY												
Communication			, ,		85, GSM Con	, ,	,					
Monitoring			ENER	LOG (Remote	e Monitoring	Solution) - O	ptional					
Testing Standard	IEC -61683:	1999, IEC- 60	0068-2-1, IEC	-60068-2-2,	IEC-60068-2-3	14, IEC-6006	8-2-30- As pe	er MNRE Rec	quirement			
Earthing Connection (Ref. IS 3043)	Earth Stud											
DIMENSIONS (STANDARD/OPTIONAL)												
Dimensions (in mm)	(Approx.)											
KVA Rating	5	6	8	10	12.5	15	20	25	30			
Width (W)	380	450	450	450	450	450	450	450	450			
Depth (D)	580	800	800	800	800	800	800	800	900			
Height (H)	520	800	800	800	800	800	800	800	800			
Weight (Kg)	84	125	165	175	200	220	296	320	350			

Specifications are subject to change without prior notice ## Not for Life Support & Mission Critical Application Updated on 04 October 2021

Application of Single Phase Solar Hybrid Inverter



Home



monution



ATM



Farm House



Rural Bank



Railway Station



Petrol Pump



Police Station



Microgird



Hospital





Primary Health Care Center

Specifications (SUNMAGIC + | Three Phase | 5kVA - 600kVA)

STANDARD SPECIFICATION	SUNMAGIC+ 5kVA to 300kVA															
	-	40	45	20	- 25	20	40	50	C 0	00	400	420	450	200	250	200
INVERTER CAPACITY (kVA)	5	10	15	20	25	30	40	50	60	80	100	120	150	200	250	300
INPUT																
Input Voltage Range *								360 VA	C to 450 \	'AC						
Nominal Frequency	50 Hz (± 6%)															
Input Fault Level									10 kA							
Self-Consumption								u	oto 4%							
DG / Grid Compatibility									Yes							
SOLAR																
Charger Type								N	1PPT							
Max PV Voltage (VOC)	250V												1200V			
MPPT Voltage Range	120-180V															
MPPT Modes Available	120 1001	100 2001					500-4500 1		ectable)	00 101 300	VDC				000 1100	•
No. of MPPT Channel								4 (38	ectable		3/2	3/2	3/2	3	3	3
Max I/P Amps per Channel (Amps)	52	83	125	83	104	125/83	166/11	208/120	250/14	6 333/222	-	166/111	138	104	104	125
Panel Reverse Protection	72	1 33	1 123	05	1 104	123/03	100/11.		<u> </u>	555/222	130/32	1.00/111	1.30	104	1 104	1 123
Solar Charger Efficiency									Yes							
BATTERY								upt	o 95%							
Nominal Battery Voltage (VDC)	96	120	120	240	240	240/20	240/200	240/200	240/20	0 240/360	240/260	240/260	360	480	600	600
Grid Charging Current	90	120	120	240	240	240/50		Selectable			240/560	240/300	500	460	600	600
Input Power Factor (Grid Charging)										.p3						
Battery Charging Voltage		Near to Unity Selectable From LCD Display														
Type & No. of Cells								Acid / VRL/		• •						
							Leau	ACIU / VRL/	A/ NI-Cu	Litinum						
OUTPUT									2.1							
Load Power Factor									3 lag							
Output Voltage (Inverter Mode)									V AC							
Voltage Regulation									2%							
Output Frequency (Free Running)									± 0.5%							
Output Waveform									ne Wave							
Peak Inverter Efficiency (Full Load)									o 90%							
Total Harmonic Distortion									Liner Loa							
Overload Capacity							1259	6 for 60 Se	-	or 5 Sec						
Changeover Time (Full Load)									msec							
DC to AC Osolation						In				Inverter Ou						
Anti Islanding Function							Available			n IEC 62116	5					
Duty								Cont	inuous							
CONFIGURATION																
Modes Available								id, Grid Ex								
Battery Buffer Setting								ectable for								
GRID Feed Mode							Enab	e / Disable	Option /	vailable						
ENVIRONMENTAL																
Acoustic Noise Level From 1m distance (Ref : ISO 3746)								≤ 6	5 dB							
Operating Temperature						0 t	o 40 Deg (Dust free	, Cool & E	ry Environ	ment					
Storage Temperature								-10 Deg C	to 60 De	g C						
Relative Humidity							Up	to 95% (n	on conde	nsing)						
Altitude								Upto 10	00 & (10	00 to 3000	D) **					
Basic Seismic Qualification						0.5	5g (the test	inspectio	n shall be	with extra	cost)					
PHYSICAL																
Enclosure Protection Grade							IP 2) (IP 21 to	o IP 55 Op	tional)						
Enclosure Thickness								2.0mm 8								
Cooling	Forced Air															
Cooling Colour							RA	L 7016	RAL	9016						

* with tolerance of 5v

** 1.6 % derating per 100 m

	0		1				.		D	-		C	1			
	General Group	1 1	Input Gro	up	1.0.1	Output		1		ery Group			olar Group			
	1. System Rating		ut Voltage			out Voltag	-		Battery Vol	-		1. Solar Vol	-			
	2. Date & Time		ut Current			out Curre			Charging C			2. Solar Current 3. Solar Power (kW)				
	3. Current Status	4. kW	ut Frequency		4. kW	out Frequ	ency		Discharging Battery Sta			4. Solar Energy (kWh)				
	4. Confuguration 5. Fault Log	4. KVV 5. KVA			4. KVV 5. KVA			4.	Dattery Sta	lus		4. Solar Energy (KWN)				
	5. Fault Log	J. KVP			J. KVA											
Parameters Displayed on LCD MIMIC	Fault Log		DG Grou	n		Power	Group		Inve	ter Group		Config	uration Gr	oun		
	Recent 9 Fault Log Since	1 DG	Power (kW)	φ	1 Tota	l Input (k		1	Voltage			1. SBG	uration of	σαρ		
	Last Reset		ver (KVA)			l Output			Current			2. SGB				
			rgy (kWh)		3. Inpu	-	()		Frequency			3. GSB				
					4. Out				Power (kW)		4. GFM				
									Power (KV/			5. INVERTE	R			
					-					,						
	Fault		PV ON			Invert	er ON		Load	on Batter	/					
			Grid ON	J		Charge	er ON									
Indications on MIMIC			Load on M	ains												
				* Flashir	ng LED Indi	cates faul	lt conditior	n in respe	ctive group	*						
					-	t Under V			attery Low \							
					·	t Over Cu	-		, ittery Over							
					_	t Overloa										
Message Displayed on LCD					Short-							L				
					Stand	By Mode										
-	Buzzer Reset (Manual					Over	load		Bat	tery Low						
Reset						Short (Circuit		<u>+ </u>							
PROTECTIONS		I				* Alarms	s are provi	ded for a	l importan	t protectio	ons.					
		1. Inpu	1. Input MCCB			1. Output Under Voltage			Battery MC	CB		1. Solar MCCB				
		2. Inpu	2. Input Under Voltage			2. Output Over Voltage			Battery Lov	v		2. Solar Fuse				
		3. Inpi	ut Over Volta	ge	3. Outp	out Overl	oad	3.	Battery Ove	er Voltage		3. MOV Car	d			
		4. Cha	rger Over Vo	ltage	4. Outp	4. Output Short Circuit			Battery Cha	rging Curr	ent Limit					
	5. MO	V Card		5. Inve	rter Over	Temperatu	ure									
CONNECTIVITY																
Communication					RS 232	, (Modbu	s RS 485, G	SM Conr	ectivity) - (Optional						
Monitoring					ENERLO	OG (Remo	ote Monito	ring Solu	tion) - Optio	onal						
PFCs																
						Grid	Trip									
						Inverte	<u> </u>									
						Load on	,									
							v Prealarm									
	Load on Static Bypass															
	Common Fault															
			-				n Fault	0.000		-)						
		C (4602		e Relay Cor		ich (Ratin	n Fault g : (1A/ 23			-						
Testing Standard	IE	C - 61683 : 19	On 999, IEC - 600	068-2-1, IEC	2 - 60068-2	ach (Ratin -2, IEC - 6	n Fault g : (1A/ 23 60068- 2-14	1, IEC - 60		-	RE Requir	ement				
Safty Factor	IE	C - 61683 : 19	999, IEC - 600	068-2-1, IEC	C - 60068-2 1 for Electr	ach (Ratin -2, IEC - 6 ronic Devi	n Fault g : (1A/ 23 60068- 2-14 ices, 1 for E	1, IEC - 60 Electrical	068-2-30- /	As per MN	RE Requir	rement				
Safty Factor Earthing Conncetion	IE	C - 61683 : 19	999, IEC - 600 25-	968-2-1, IEC	C - 60068-2 1 for Electr x 25 mm (ach (Ratin -2, IEC - 6 ronic Devi GI (Earth I	n Fault g : (1A/ 23 50068- 2-14 fices, 1 for E bus bar rur	4, IEC - 60 Electrical nning alor	068-2-30- / ng the pane	As per MN	RE Requir	ement				
Safty Factor		C - 61683 : 19	999, IEC - 600 25- 45-	068-2-1, IEC 40 kVA : 3 150 kVA : 6	C - 60068-2 1 for Electr x 25 mm C 5 x 50 mm	-2, IEC - 6 ronic Devi GI (Earth I GI (Earth	n Fault g : (1A/ 23 50068- 2-14 ices, 1 for E bus bar rur bus bar ru	4, IEC - 60 Electrical nning alor nning alo	068-2-30- / ng the pane	As per MN I) el)	RE Requir	rement				
Safty Factor Earthing Conncetion (Ref. is 3043)		C - 61683 : 19	999, IEC - 600 25- 45-	968-2-1, IEC	C - 60068-2 1 for Electr x 25 mm C 5 x 50 mm	ach (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth	n Fault g : (1A/ 23 50068- 2-14 ices, 1 for E bus bar rur bus bar ru	4, IEC - 60 Electrical nning alor nning alo	068-2-30- / ng the pane	As per MN I) el)	RE Requir	ement				
Safty Factor Earthing Conncetion (Ref. is 3043) Illumination Lamp		C - 61683 : 19	999, IEC - 600 25- 45-	068-2-1, IEC 40 kVA : 3 150 kVA : 6	C - 60068-2 1 for Electr x 25 mm (5 x 50 mm 6 x 50 mm	ach (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth 11 W	n Fault g : (1A/ 23 50068- 2-14 ices, 1 for E bus bar rur bus bar ru bus bar ru	4, IEC - 60 Electrical nning alor nning alo	068-2-30- / ng the pane	As per MN I) el)	RE Requir	ement				
Safty Factor Earthing Conncetion (Ref. is 3043) Illumination Lamp Gland Plate		C - 61683 : 19	999, IEC - 600 25- 45-	068-2-1, IEC 40 kVA : 3 150 kVA : 6	C - 60068-2 1 for Electr x 25 mm (5 x 50 mm 6 x 50 mm	ach (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth 11 W 3 mm MS	n Fault g : (1A/ 23 50068- 2-12 50068- 2-12 50068- 2-12 50068- 2-12 5008- 2-1	4, IEC - 60 Electrical nning alor nning alo	068-2-30- / ng the pane	As per MN I) el)	RE Requir	ement				
Safty Factor Earthing Conncetion (Ref. is 3043) Illumination Lamp		C - 61683 : 19	999, IEC - 600 25- 45-	068-2-1, IEC 40 kVA : 3 150 kVA : 6	C - 60068-2 1 for Electr x 25 mm (5 x 50 mm 6 x 50 mm	ach (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth 11 W	n Fault g : (1A/ 23 50068- 2-12 50068- 2-12 50068- 2-12 50068- 2-12 5008- 2-1	4, IEC - 60 Electrical nning alor nning alo	068-2-30- / ng the pane	As per MN I) el)	RE Requir	ement				
Safty Factor Earthing Conncetion (Ref. is 3043) Illumination Lamp Gland Plate Utility Socket		C - 61683 : 19	999, IEC - 600 25- 45-	068-2-1, IEC 40 kVA : 3 150 kVA : 6	C - 60068-2 1 for Electr x 25 mm (5 x 50 mm 6 x 50 mm	ach (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth 11 W 3 mm MS	n Fault g : (1A/ 23 50068- 2-12 50068- 2-12 50068- 2-12 50068- 2-12 5008- 2-1	4, IEC - 60 Electrical nning alor nning alo	068-2-30- / ng the pane	As per MN I) el)	RE Requir	ement				
Safty Factor Earthing Conncetion (Ref. is 3043) Illumination Lamp Gland Plate Utility Socket DIMENSIONS (STANDARD/OP		C - 61683 : 19	999, IEC - 600 25- 45-	068-2-1, IEC 40 kVA : 3 150 kVA : 6	C - 60068-2 1 for Electr x 25 mm (5 x 50 mm 6 x 50 mm	ich (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth 11 W 3 mm MS 5A / 23	n Fault g : (1A/ 23 00068- 2-14 ices, 1 for E bus bar ru bus bar ru bus bar ru bus bar ru cFL 6 C.R.C.A 0 VAC	4, IEC - 60 Electrical nning alor nning alo	068-2-30- / ng the pane	As per MN I) el)	RE Requir	ement				
Safty Factor Earthing Conncetion (Ref. is 3043) Illumination Lamp Gland Plate Utility Socket		C - 61683 : 19	999, IEC - 600 25- 45-	068-2-1, IEC 40 kVA : 3 150 kVA : 6	C - 60068-2 1 for Electr x 25 mm (5 x 50 mm 6 x 50 mm	ach (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth 11 W 3 mm MS	n Fault g : (1A/ 23 00068- 2-14 ices, 1 for E bus bar ru bus bar ru bus bar ru bus bar ru cFL 6 C.R.C.A 0 VAC	4, IEC - 60 Electrical nning alor nning alo	068-2-30- / ng the pane	As per MN I) el)	RE Requir	ement				
Safty Factor Earthing Conncetion (Ref. is 3043) Illumination Lamp Gland Plate Utility Socket DIMENSIONS (STANDARD/OP Dimensions (in mm)	TIONAL)		999, IEC - 600 25- 45- 200-	40 kVA : 3 150 kVA : 4 300 kVA :	- 60068-2 1 for Electr x 25 mm (5 x 50 mm 6 x 50 mm	ich (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth 11 W 3 mm MS 5A / 23 (App	n Fault g : (1A/ 23 i0068- 2-14 ices, 1 for E bus bar ru bus bar ru bus bar ru bus bar ru cFL 6 C.R.C.A 10 VAC	4, IEC - 60 Electrical nning alor nning alo Inning alo	068-2-30- / Ig the pane Ing the pane Ing the pane	el)				200		
Safty Factor Earthing Conncetion (Ref. is 3043) Illumination Lamp Gland Plate Utility Socket DIMENSIONS (STANDARD/OP Dimensions (in mm) KVA Rating	TIONAL)	20	2999, IEC - 600 25- 45- 200- 200- 200- 200-	40 kVA : 3 150 kVA : 4 300 kVA : 4 30	40	ich (Ratin -2, IEC - 6 onic Devi GI (Earth I GI (Earth GI (Earth 11 W 3 mm MS 5A / 23 (App 50	n Fault g : (1A/ 23 i0068- 2-14 ces, 1 for B bus bar ru bus bar ru bus bar ru bus bar ru cFL c C.R.C.A i0 VAC	4, IEC - 60 Electrical nning alor nning alo unning alo unning alo	10068-2-30- /	As per MN)) el) el) 125	150	200	250	300		
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Specifications are subject to change without prior notice ## Not for Life Support & Mission Critical Application

Application of Solar Hybrid Inverter



Petrol Pump



Factory & Dairy

Equipment





Government Offices

n



Water Pump



Cold Storage



Primary Health Care Center



Lift In Society



ATM



Hostel of School & College



Railway Platform



Farm House



Microgrid



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