



# MPS-SL SERIES

### Solar Inverter - 10 to 100 kW

Three Phase Output

#### True bi-directional Solar Inverter

#### for smarter, efficient and reliable Solar energy conversion

MPS, founded by a team, having multifaceted experience of designing large capacity state-of-the-art UPS, Grid Tied Solar Inverter, Active Harmonic Filters etc. MPS intent to bring contemporary technology to produce power quality enhancement and energy saving solutions, for business and industry.

MPS-SL-SERIES off grid bi directional solar inverter is the newgeneration inverter, which has been designed specially for the solar application. Our long standing Two+ decade expertise in solar On Grid and Off grid inverter market has resulted in to a smart, more reliable and efficient Sunbird Solar Inverter.

MPS Solar inverter has many unparallel features, which gives best ROI for the user and helps in bringing the dream of Green planet more closer.

#### **Special Features**

- Multiple 32 bit DSP controllers
- Space Vector Modulation
- Battery less operation
- High efficiency
- True Bi-directional Solar Inverter
- Higher Array voltage capacity optionally available
- Inbuilt charge controller
- MPPT Achieved through Incremental Conductance Algorithms
- Modular construction gives higher MTTR
- Battery charging through Grid up to 100%
- Selectable source feature Grid / Battery
- DC fan for low power consumption
- Inbuilt isolation transformer for galvanic isolation
- 128 x 64 Graphics display
- PF correction while on mains / Grid supply (Line interactive)

MP9

 Variable fan speed - for increased reliability, results into lesser dust suction inside the cabinet

## MPS-SL-SERIES

**Solar Inverter -** 10 to 100 kW Solar Inverter Three Phase Output



Photovoltaic Input         300 - 420 V         330 - 420 V									
MPPT Range       165 - 200 V       330 - 420 V         Open Circuit Voltage       300 V       600 V         Maximum PV power recommended (KW)       11       16.5       22       27.5       33       44 / 55       88 / 111         MPPT base Charge Controller       IGBT       IGBT       IGBT       500 V       88 / 111         MPT base Charge Controller       32 Bit DSP controlled       IGBT       IGB	System Rating (KW)	10	15	20	25	30	40 / 5	50	80 / 100
Open Circuit Voltage         300 V         600 V           Maximum PV power recommended (KW)         11         16.5         22         27.5         33         44 / 55         88 / 111           Maximum PV power recommended (KW)         11         16.5         22         27.5         33         44 / 55         88 / 111           Maximum PV power recommended (KW)         11         16.5         22         27.5         33         44 / 55         88 / 111           Switching Element         IGBT         32 Bit DSP controlled         5         5         5         5         7	Photovoltaic Input								
Maximum PV power recommended (KW)         11         16.5         22         27.5         33         44 / 55         88 / 111           MPPT base Charge Controller         Switching Element         IGBT         Controlled         32 Bit DSP controlled         For an and an and an and an and an and and	MPPT Range	165 - 200 V 330 - 420 V							
MPPT base Charge Controller       IGBT         Switching Element       32 Bit DSP controlled         Type of Charger       PWM with MPPT         Grid Ipput       415 V AC , 50Hz (-20%, +15%), 3 Phase 4 Wire         Active Filtering during load on mains       Item State (-20%, +15%), 3 Phase 4 Wire         Claad Harmonic corrections)       THDi. up to 3 % & Power Factor ≥ 0.99         Battery       State (-20%, +15%), 3 Phase 4 Wire         Glid through Battery charging capacity (%kw Rating)       0 - 100%         Switching Element       IGBT         Control       32 Bit DSP controlled         Nominal Output Voltage, Frequency       415 V AC L - L, 50 Hz, 3 Phase 4 Wire         Output Waveform       IGBT         Control       32 Bit DSP controlled         Nominal Output Voltage, Frequency       415 V AC L - L, 50 Hz, 3 Phase 4 Wire         Output Waveform       IGBT         Control       32 Bit DSP controlled         Nominal Output Voltage, Streator       0.6 lag to 1 (within KVA and kW rating)         Voltage Regulation       ±2%         Protection degree with open doors       IP20         Colour       RAL 7016 Texture         Dimension (WxDxH in mm)       600 x 800 x 1200       600x800x1750       1000x900x175         Colour       R	Open Circuit Voltage	300 V			600 V	,			
Switching Element       IGBT         Controller       32 Bit DSP controlled         Type of Charger       PWM with MPPT         Enjour Supply       415 V AC , 50Hz (-20%, +15%), 3 Phase 4 Wire         Active Filtering during load on mains	Maximum PV power recommended (KW)	11	16.5	22	27.5	33	44 / 5	55	88 / 110
Controller32 Bit DSP controlledType of ChargerPVM with MPPTGrid InputSite ControllerGrid Input15 V A C , 50Hz (-20%, +15%), 3 Phase + 4WireActive Fitering during load on mainsTHD up Site A & Power Factor > 0.9Active Fitering during load on mainsTHD up Site A & Power Factor > 0.9Battery Voltage120 V240 VGrid Input240 V100%Grid Input Site A serviceIGBTControl32 Bit DSP controller100%Control32 Bit DSP controller100%Control16 BT100%Control32 Bit DSP controller100%ControlSine Wave100%Load Power Factor0.6 lag to 1 ( within kVA and kW rating)100 ( 200	MPPT base Charge Controller								
Type of Charger         PWM with MPPT           Grid Input         Input Supply         415 V AC , 50Hz (-20%, +15%), 3 Phase 4 Wire         Active Filtering during load on mains           (Load Harmonic corrections)         THDi up to 3 % & Power Factor ≥ 0.99         Battery           Battery         240 V         240 V           Grid through Battery charging capacity (%kw Rating)         0 - 100%         Inverter           Switching Element         IGBT         Control           Sorter Voltage, Frequency         415 V AC L - L, 60 Hz, 3 Phase 4 Wire         Output Waveform           Output Waveform         Sine Wave         Sine Wave         Output Waveform           Output Waveform         Sine Wave         Sine Wave         Output Voltage Stability in dynamic condition           Output Voltage Stability in dynamic condition         Complex with IEC/EN 62040-3,Class 1         Output Voltage Stability in dynamic condition           Colour         RAL 7016 Texture         IP20         IP000000000000000000000000000000000000	Switching Element				IGBT				
Aride Input         Input Supply       415 V AC , 50Hz (-20%, +15%), 3 Phase 4 Wire         Active Filtering during load on mains         Load Harmonic corrections)       THDi up to 3 % & Power Factor ≥ 0.99         Battery       240 V         Battery Voltage       120 V         2 dd V       240 V         Grid Input       0 - 100%         Inverter       IGBT         Switching Element       IGBT         Control       32 Bit DSP controlled         Nominal Output Voltage, Frequency       415 V AC - L, 50 Hz, 3 Phase 4 Wire         Output Waveform       Sine Wave         Load Power Factor       0.6 lag to 1 (within KVA and kW rating)         Voltage Regulation       ± 2%         Voltage Stability in dynamic condition       Complies with IEC/EN 62040-3,Class 1         Output voltage distortion with 100% linear load       <2%	Controller	32 Bit DSP controlled							
Input Supply         415 V AC, 50Hz (-20%, +15%), 3 Phase 4 Wire           Active Filtering during load on mains         THDi up to 3 % & Power Factor ≥ 0.99           Rattery         Concorrections)         THDi up to 3 % & Power Factor ≥ 0.99           Battery Voltage         120 V         240 V           Grid through Battery charging capacity (%kw Rating)         0 - 100%         Immetrie           Inverter         IGBT         Control         32 Bit DSP controlled           Nominal Output Voltage, Frequency         415 V AC L - L, 50 Hz, 3 Phase 4 Wire         Control           Control         32 Bit DSP controlled         Sine Wave           Control         Sine Wave         Control           Coulput Waveform         Sine Wave         Control           Cold power Factor         0.6 lag to 1 (within KVA and kW rating)         Cold power Factor           Voltage Stability in dynamic condition         Complies with IEC/EN 62040-3, Class 1           Output voltage distortion with 100% linear load         <2%	Type of Charger	PWM with MPPT							
Active Filtering during load on mains         (Load Harmonic corrections)       THDi up to 3 % & Power Factor ≥ 0.99         Battery         Battery Otage       120 V         Grid through Battery charging capacity (%kw Rating)       0 - 100%         Inverter       IGBT         Switching Element       IGBT         Control       32 Bit DSP controlled         Nominal Output Voltage, Frequency       415 VAC L - L, 50 Hz, 3 Phase 4 Wir         Output Waveform       Sine Wave         Load Power Factor       0.6 lag to 1 ( within kVA and kW rating)         Voltage Regulation       ± 2%         Voltage disortion with 100% linear load       <2%	Grid Input								
Load Harmonic corrections)         THD up to 3 % & Power Factor ≥ 0.99           Battery         240 V         240 V           Grid through Battery charging capacity (%kw Rating)         0 - 100%         1000000000000000000000000000000000000	Input Supply		4	415 V AC , 50H	z (-20%, +15%	6), 3 Phase 4 V	Wire		
Battery           Battery Voltage         120 V         240 V           Grid through Battery charging capacity (%kw Rating)         0 - 100%           Inverter         IGBT           Switching Element         IGBT           Control         32 Bit DSP controlled           Nominal Output Voltage, Frequency         415 V AC L - L, 50 Hz, 3 Phase 4 Wire           Output Waveform         Sine Wave           Load Power Factor         0.6 lag to 1 ( within kVA and kW rating)           Voltage Stability in dynamic condition         Complies with IEC/EN 62040-3,Class 1           Output voltage distortion with 100% linear load         <2%	Active Filtering during load on mains								
Battery Voltage         120 V         240 V           Grid through Battery charging capacity (%kw Rating)         0 - 100%           Inverter         IGBT           Switching Element         IGBT           Control         32 Bit DSP controlled           Nominal Output Voltage, Frequency         415 V AC L - L, 50 Hz, 3 Phase 4 Wire           Output Waveform         Sine Wave           Load Power Factor         0.6 lag to 1 ( within k/A and kW rating)           Voltage Regulation         ± 2%           Voltage Regulation         ± 2%           Voltage Stability in dynamic condition         Complies with IEC/EN 62040-3, Class 1           Output VW246 (ficency (Ref. STD IEC 61683)         92%         94%           Protection degree with open doors         IP20           Colonr         RAL 7016 Texture           Dimension (WXDXH in mm)         600 x 800 x 1200         600x800x1750         100x900x172           Cooling         Forceed Air           Galvanic Isolation         Inbuilt isolation transformer at inverter output           Protection         Under/Over voltage for Input, Output, Array & Battery path.& Surge protection at Input, Array & Battery path.           Display Parameter         1. Array - Voltage, Current, Power, Temperature, 2. Battery output, Array & Battery path.           Display Param	(Load Harmonic corrections)			THDi up to	3 % & Power	Factor <u>&gt;</u> 0.99			
Grid through Battery charging capacity (%kw Rating)       0 - 100%         Inverter       IGBT         Switching Element       IGBT         Control       32 Bit DSP controlled         Nominal Output Voltage, Frequency       415 V AC L - L, 50 Hz, 3 Phase 4 Wirz         Output Waveform       Sine Wave         Load Power Factor       0.6 lag to 1 (within kVA and kW rating)         Voltage Regulation       ± 2%         Voltage Stability in dynamic condition       Complies with IEC/EN 62040-3, Class 1         Output Voltage distortion with 100% linear load          Inverter peak efficiency (Ref. STD IEC 61683)       92%       94%         Protection degree with open doors       IP20       1000x900x172         Colour       RAL 7016 Texture       1000x900x172         Dimension (WxDXH in mm)       600 x800 x 1200       600x800x1750       1000x900x172         Cooling       Forced Air       IP20       I	Battery								
Switching Element IGBT Switching Element IGBT Control 32 Bit DSP controlled Nominal Output Voltage, Frequency 415 V AC L - L, 50 Hz, 3 Phase 4 Wire Output Waveform Sine Wave Load Power Factor 0.6 lag to 1 ( within kVA and kW rating) Voltage Regulation ±2% Voltage Stability in dynamic condition Complies with IEC/EN 62040-3,Class 1 Output voltage distortion with 100% linear load <2% IP20 Colour RAL 7016 Texture Dimension (WxDxH in mm) 600 x 800 x 1200 600x800x1750 1000x90x172 Cooling Forced Air Galvanic Isolation Inbuilt isolation transformer at inverter output Protection Under/Over voltage for Input, Output, Array & Battery, Dutput overload, short circuit, Over temperature, MCCB at Input, Output, Array & Battery roth.& Surge protection at Input, Array & Battery path. Display Parameter 1. Array - Voltage, Current, Power, Temperature, 2. Battery to Voltage, current, Inv. H/S temp. 5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH Environment Environment Environment Environment Standard Compliance Standa	Battery Voltage	120 V			240 V				
Switching Element         IGBT           Control         32 Bit DSP controlled           Nominal Output Voltage, Frequency         415 V AC L - L, 50 Hz, 3 Phase 4 Wir           Output Waveform         Sine Wave           Load Power Factor         0.6 lag to 1 ( within kVA and kW rating)           Voltage Regulation         ± 2%           Voltage Regulation         ± 2%           Voltage Stability in dynamic condition with 100% linear Ioad         <2%	Grid through Battery charging capacity (%	kw Rating)			0 - 100%				
Outrol       32 Bit DSP controlled         Nominal Output Voltage, Frequency       415 V AC L - L, 50 Hz, 3 Phase 4 Wire         Output Waveform       Sine Wave         Load Power Factor       0.6 lag to 1 ( within kVA and kW rating)         Voltage Regulation       ± 2%         Voltage Stability in dynamic condition       Complies with IEC/EN 62040-3,Class 1         Output voltage distortion with 100% linear load       <2%	Inverter								
Nominal Output Voltage, Frequency         415 V AC L - L, 50 Hz, 3 Phase 4 Wire           Output Waveform         Sine Wave           Load Power Factor         0.6 lag to 1 ( within kVA and kW rating)           Voltage Regulation         ± 2%           Voltage Stability in dynamic condition         Complies with IEC/EN 62040-3, Class 1           Output voltage distortion with 100% linear load         <2%	Switching Element				IGBT				
Output Waveform       Sine Wave         Load Power Factor       0.6 lag to 1 ( within kVA and kW rating)         Voltage Regulation       ± 2%         Voltage Stability in dynamic condition       Complies with IEC/EN 62040-3,Class 1         Output voltage distortion with 100% linear load       <2%	Control	32 Bit DSP controlled							
Load Power Factor         0.6 lag to 1 ( within kVA and kW ratir)           Voltage Regulation         ± 2%           Voltage Stability in dynamic condition         Complies with IEC/EN 62040-3,Class           Output voltage distortion with 100% linear load         <2%	Nominal Output Voltage, Frequency	415 V AC L - L, 50 Hz, 3 Phase 4 Wire							
Voltage Regulation       ± 2%         Voltage Stability in dynamic condition       Complies with IEC/EN 62040-3,Class 1         Output voltage distortion with 100% linear load       <2%	Output Waveform				Sine Wave				
Votage Stability in dynamic condition         Complies with IEC/EN 62040-3,Class 1           Output votage distortion with 100% linear load         <2%	Load Power Factor			0.6 lag to 1 ( v	vithin kVA and	kW rating)			
Output voltage distortion with 100% linear load         <2%	Voltage Regulation				± 2%				
Inverter peak efficiency (Ref. STD IEC 61683)         92%         94/√           Protection degree with open doors         IP20           Colour         RAL 7016 Texture           Dimension (WxDxH in mm)         600 x 800 x 1200         600 x800 x1700         1000x900x175           Cooling         Forced Air         Inbuilt isolation transformer at inverter         Inscrete Air           Galvanic Isolation         Under/Over voltage for Input, Output, Array & Battery. Output - Voltag, short of: UV, Array & Battery path.         IV           Protection         Under/Over voltage, Current, Power, Temperature, 2. Battery. Output, Array & Battery path.         IV           Display Parameter         1. Array - Voltage, Current, Power, PF, 4. Output, Voltage, Current, Inv. H/S terver         IV           Statistics - Grid import, Grid export, Total Output, Daily Output, Voltage, Current, Power, PF, 4. Output, Voltage, Current, Inv. H/S terver         IV           Temperature Operating         0 - 40 °C         IV           Max. Altitude above sea level without de-rating         1000 m (For higher altitude comples wit IEC/EN 6204 - 5)         Standard Compliance	Voltage Stability in dynamic condition			Complies with	h IEC/EN 6204	0-3,Class 1			
Protection degree with open doors         IP20           Colour         RAL 7016 Texture           Dimension (WxDxH in mm)         600 x 800 x 1200         600x800x1750         1000x900x175           Cooling         Forced Air         Inbuilt isolation transformer at inverter         Inbuilt isolation transformer at inverter         Interpreter           Galvanic Isolation         Inbuilt isolation transformer at inverter         Interpreter         Interpreter         Interpreter           Protection         Under/Over voltage for Input, Output, Array & Battery. Output         Interpreter         Interpreter         Interpreter           Display Parameter         1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power, SF, 4. Output - Voltage, Current, Inv. H/S terpreter         Interpreter         Interpreter           Environment         0 - 40 °C         Interpreter         Interpreter         Interpreter           Max. Relative humidity @ 25°C (non condensing)         Up to 95%         Interpreter         Interpreter           Standard Compliance         1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Interpreter         Interpreter	Output voltage distortion with 100% linear	load			<2%				
Colour       RAL 7016 Texture         Dimension (WxDxH in mm)       600 x 800 x 1200       600x800x1750       1000x900x1750         Cooling       Forced Air         Galvanic Isolation       Inbuilt isolation transformer at inverter output         Protection       Under/Over voltage for Input, Output, Array & Battery. Output overload, short circuit, Over         temperature, MCCB at Input, Output, Array & Battery path.& Surge protection at Input, Array & Battery path.         Display Parameter       1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Inv. H/S temp.         3. Grid - Voltage, Current, Power, FF, 4. Output - Voltage, Current, Inv. H/S temp.         5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH         Temperature Operating       0 - 40 °C         Max. Relative humidity @ 25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       Standard Compliance	Inverter peak efficiency (Ref. STD IEC 61	683)	92	%			94	%	
Dimension (WxDxH in mm)       600 x 800 x 1200       600x800x1750       1000x900x1750         Cooling       Forced Air         Galvanic Isolation       Inbuilt isolation transformer at inverter output         Protection       Under/Over voltage for Input, Output, Array & Battery. Output overload, short circuit, Over         temperature, MCCB at Input, Output, Array & Battery path.& Surge protection at Input, Array & Battery path.         Display Parameter       1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power         3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp.         5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH         Environment         Temperature Operating       0 - 40 °C         Max. Relative humidity @25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       1000 m (For higher altitude complies with IEC/EN 62040 - 3)	Protection degree with open doors				IP20				
CoolingForced AirGalvanic IsolationInbuilt isolation transformer at inverter outputProtectionUnder/Over voltage for Input, Output, Array & Battery. Output overload, short circuit, Over temperature, MCCB at Input, Output, Array & Battery path.& Surge protection at Input, Array & Battery path.Display Parameter1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power 3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp. 5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWHEnvironment0 - 40 °CMax. Relative humidity @ 25°C (non condensing)Up to 95%Max. Altitude above sea level without de-rating1000 m (For higher altitude complies with IEC/EN 62040 - 3)Standard ComplianceStandard Compliance	Colour			RAI	7016 Texture				
Galvanic Isolation       Inbuilt isolation transformer at inverter output         Protection       Under/Over voltage for Input, Output, Array & Battery. Output overload, short circuit, Over         temperature, MCCB at Input, Output, Array & Battery path.& Surge protection at Input, Array & Battery path.         Display Parameter       1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power         3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp.         5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH         Environment         Temperature Operating       0 - 40 °C         Max. Relative humidity @25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       1000 m (For higher altitude complies with IEC/EN 62040 - 3)	Dimension (WxDxH in mm)		60	00 x 800 x 1200	)	600x8	300x1750	1000	0x900x175
Protection       Under/Over voltage for Input, Output, Array & Battery. Output overload, short circuit, Over         temperature, MCCB at Input, Output, Array & Battery path.& Surge protection at Input, Array & Battery path.         Display Parameter       1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power         3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp.         5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH         Environment         Temperature Operating       0 - 40 °C         Max. Relative humidity @ 25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       1000 m (For higher altitude complies with IEC/EN 62040 - 3)	Cooling				Forced Air				
temperature, MCCB at Input, Output, Array & Battery path.& Surge protection at Input, Array & Battery path. Display Parameter 1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power 3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp. 5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH Environment Temperature Operating 0 - 40 °C Max. Relative humidity @ 25°C (non condensing) Up to 95% Max. Altitude above sea level without de-rating 1000 m (For higher altitude complies with IEC/EN 62040 - 3) Standard Compliance	Galvanic Isolation	Inbuilt isolation transformer at inverter output							
Battery path.         Display Parameter       1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power         3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp.         5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH         Environment         Temperature Operating       0 - 40 °C         Max. Relative humidity @ 25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       0	Protection	· · · · · · · · · · · · · · · · · · ·							
Display Parameter       1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power         3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp.         5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH         Environment         Temperature Operating       0 - 40 °C         Max. Relative humidity @ 25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       1000 m (For higher altitude complies with IEC/EN 62040 - 3)		temperature, MCCB at Input, Output, Array & Battery path.& Surge protection at Input, Array &							
3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp.         5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH         Environment         Temperature Operating       0 - 40 °C         Max. Relative humidity @25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       0		Battery path.							
5. Statistics - Grid import, Grid export, Total Output, Daily Output Power, kWH         Environment         Temperature Operating       0 - 40 °C         Max. Relative humidity @ 25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       1000 m (For higher altitude complies with IEC/EN 62040 - 3)	Display Parameter	1. Array - Voltage, Current, Power, Temperature, 2. Battery - Voltage, current, Power							
Environment       0 - 40 °C         Temperature Operating       0 - 40 °C         Max. Relative humidity @ 25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       1000 m (For higher altitude complies with IEC/EN 62040 - 3)		3. Grid - Voltage, Current, Power, PF, 4. Output - Voltage, Current, Inv. H/S temp.							
Temperature Operating0 - 40 °CMax. Relative humidity @25°C (non condensing)Up to 95%Max. Altitude above sea level without de-rating1000 m (For higher altitude complies with IEC/EN 62040 - 3)Standard ComplianceStandard Compliance		5. Statistics -	Grid import, (	Grid export, To	tal Output, Dai	y Output Pow	er, kWH		
Max. Relative humidity @ 25°C (non condensing)       Up to 95%         Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       Standard Compliance	Environment								
Max. Altitude above sea level without de-rating       1000 m (For higher altitude complies with IEC/EN 62040 - 3)         Standard Compliance       1000 m (For higher altitude complies with IEC/EN 62040 - 3)	Temperature Operating				0 - 40 °C				
Standard Compliance	Max. Relative humidity @25°C (non conde	ensing)			Up to 95%				
	Max. Altitude above sea level without de-	rating	10	00 m (For high	er altitude com	plies with IEC	/EN 62040	- 3)	
Testing IEC 62040 - 3 ; IEC 61683 ; 60068 - 2	Standard Compliance								
	Testing			IEC 620	40 - 3 ; IEC <u>6</u> 1	683 ; 60068 -	2		

Note : 100KW available with 360V DC & 480V DC

#### MEENAKSHI POWER SOLUTIONS.

Plot No.445, Telangana NGO'S Colony, Gacchibowli, manikonda, Hyderabad, Telangana-560 032. Email : <u>sales@meenakshipower.com</u> <u>info@meenakshipower.com</u> www.meenakshipower.com

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