



PRODUCT CATALOGUE



MAXPOWER
SOLAR ENERGY

OUR VISION

- Our goal is to make the shift to renewable energy easy, affordable, and effective, ensuring complete customer satisfaction.
- We aim to lead the solar energy industry by providing high-quality, reliable solar system tailored to meet our customers needs

OUR MISSION

- We prioritize our customers by delivering tailored solar solution with honesty and transparency.
- We value teamwork, creativity, and respect for everyone, fostering a culture of collaboration and innovation.
- We take responsibility for our actions and are dedicated to achieving best results through unwavering commitment to quality.

Leave your
Green impression
Today.....



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VOLTAS

HYD-6K-H6

SINGLE PHASE HYBRID INVERTER



PRODUCT FEATURES

- 7 inch touch color LCD display
- IP65 Waterproof design
- Support for lead-acid, lithium batteries
- Support the diesel generator and the grid access at the same time
- 5-year standard warranty.
- Up to 7 Intelligent working modes, support remote monitoring on APP/Web
- One machine for multiple purposes: On-grid+ Energy Storage +Off-grid
- Wide DC working voltage range, 2 MPPT design, adapt to multi-angle and multi-orientation PV panels
- Inverter can also work with a single input source which is the PV (Solar Panel)

Technical Data		HYD-6K-H6
PV String Input Data		
Max. DC input power		9kW
Max. DC input voltage		550V
Nominal input voltage		360V
MPPT working voltage range		90V-500V
Number of independent MPPT/strings per MPPT		2/1
MPPT max. current		15A/15A
Start-up voltage		100V
AC Output/Input Data (On-grid)		
Nominal output apparent power		6kW
Max. output apparent power		6.6kVA
Nominal output voltage		230V/180V-280V
Nominal output frequency		50Hz/60Hz
Rated output current		26A
Max. output current		29A
Power factor		-0.8~+0.8 (adjustable)
THDi		<3%(Nominal Output)
Grid system pattern		L+N+PE
Max.apparent power from utility grid		11kVA
Max.AC current from utility grid		48A
Back-up Output Data (UPS)		
Nominal output apparent power		6kVA
Max. output apparent power		7kVA,10s
Nominal output voltage		208V,220V,230V,240V
Nominal output frequency		50Hz/60Hz
Output THDV		<3%
Automatic switch time		<10ms
Battery Input Data		
Battery type		Li-ion/Lead-acid
Battery voltage range		42V-59V
Max. charging/discharging current		100A
Charging strategy for Li-ion battery		Self-adaption to BMS
Efficiency		
Max. efficiency		98%
Europe efficiency		97.5%
Max. battery to load efficiency		94%
Protection		
Anti islanding protection		Yes
Insulation impedance protection		Yes
RCD detection		Yes
PV reverse polarity protection		Yes
Output over voltage protection		Yes
Output over current protection		Yes
General Data		
Dimensions(L/W/H)in mm		375/250/363
Weight		20kg
Operation temperature range		-25°C~+60°C~
Heat dissipation mode		Natural
IP Class		IP65
Maximum altitude		4000m
Self-Consumption night		<3W
Features		
LCD display		Yes
Communication interface		WiFi/4G/USB/CAN/RS485
Standards	EN 62109/EN 62477/EN IEC 61000/CEI 0-21/NTS-631/RD647/UNE 217001/UNE 217002/VDE 4105/IEC 61727/IEC 62116/IEC 61683/EN 50549/G98/G99/NRS 097/UTE C 15/VDE V 0126	



VOLTAS

HYD-8/10/12K-H6

SINGLE PHASE HYBRID INVERTERS



PRODUCT FEATURES

- 7 inch touch color LCD display
- IP66 Waterproof design
- Support for lead-acid, lithium batteries
- Support the diesel generator and the grid access at the same time
- 5-year standard warranty.
- Up to 7 Intelligent working modes, support remote monitoring on APP/Web
- One machine for multiple purposes: On-grid+ Energy Storage +Off-grid
- Wide DC working voltage range, 4 MPPT design, adapt to multi-angle and multi-orientation PV panels
- Inverter can also work with a single input source which is the PV (Solar Panel)

MODEL	HYD-8K		HYD-10K	HYD-12K
PV String Input Data				
Max. DC input power	12kW	15 kW	18 kW	
Max. DC input voltage	600V			
Nominal input voltage	300V			
MPPT working voltage range	90V-500V			
Number of independent MPPT / strings per MPPT	4 / 1			
MPPT max. current	4*20A			
Start-up voltage	100V			
AC Output/Input Data (On-grid)				
Nominal output apparent power	8kW	10kW	12kW	
Max. output apparent power	8.8kWV	11kVA	13.2kVA	
Nominal output voltage	230V(180V-280V)			
Nominal ouput frequency	50Hz/60 Hz			
Rated output current	35A	43.5A	52.5A	
Max. output current	38.5A	48A	57.5A	
Power factor	-0.8 +0.8 (adjustable)			
THDI	<3% (Nominal Output)			
Grid system pattern	L+N+PE			
Max.apparent power from utility grid	16kVA	20kVA	24kVA	
Max.AC current from utility grid	84A	106A	120A	
Back-up Output Data (UPS)				
Nominal output apparent power	8kWH	10kWH	12kWH	
Max. output apparent power	8.8kvA	11kVA	13.2kVA	
Nominal output voltage	208V, 220V, 230V, 240V			
Nominal ouput frequency	50Hz/60 Hz			
Output THDV	<3%			
Automatic switch time	<10 ms			
Battery Input Data				
Battery type	Li-Ion/Lead-acid			
Battery voltage range	40V-60V			
Max. charging/discharging current	200A			
Charging strategy for Li-Ion battery	Self-adaption to BMS			
Charging strategy for Lead-acid battery	Three-stage			
Efficiency				
Max. efficiency	98%			
Europe efficiency	97.5%			
Max. battery to load efficiency	94.4%			
Protection				
Anti islanding protection	Yes			
Insulation impedance protection	Yes			
RCD detection	Yes			
PV reverse polarity protection	Yes			
Output over voltage protection	Yes			
Output over current protection	Yes			
General Data				
Dimensions(L/W/H)in mm	425/290/660			
Weight	39kg			
Operation temperature range	-25℃ - ± 60℃			
Heat dissipation mode	Smart Cooling			
IP Class	IP66			
Maximum altitude	4000 m			
Self-Consumption night	<3w			
Topology	Transformerless			
Features				
LED Display	Yes			
Communication Interface	Yes WiFi/4G/USB/CAN/RS485			
Standards	EN 62109/EN 62477/EN IEC 61000/CEI 0-21/NTS-631/RD647/UNE 217001 UNE 217002/VDE 4105/IEC 61727/IEC 62116/IEC 61683/EN 50549/G98 G99/ NRS 097/UTE C 15/VDEV 0126			



MAXPOWER

MP 1200

LITHIUM ION BATTERY



PRODUCT FEATURES

- Discharge Current 100A
- Max. Parallel Units 4
- LiFePO₄, Lithium Iron Phosphate
- Nominal Rating 12.8V, 100Ah, 1.28KWh
- 6000 Life Cycles
- Max Operating Altitude <2000 m
- Communication RS485

MODEL	MP 1200
Performance	
Nominal Ratings	12.8 V, 100 Ah, 1.28 kWh
Bulk Charge V	14 V
Float Charge V	13.8 V
Low Voltage	12.8 V
Cutoff Voltage	11.6 V
Charge Current	50 A
Discharge Current	100 A
Short Circuit Current	≈ 1000 A
Communication	
Communication	RS485
General Data	
Dimensions (W x D x H mm)	340 x 185 x 215 mm
Weight (kg)	10.35 kg
Working Temperature	-20 °C - 60 °C
Operating / Storage	<95% RH
Max Operating Altitude	≤ 2000 m
IP Rating	IP20
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL
Scalability	Max 4 Batteries in Series Max 4 Batteries in Parallel
Standard Compliance (More Available Upon Request)	
Certificates	CE, UN38.3
Ordering and Deliverable	
Product Ordering Part	MP 1200 Battery

* Product specifications are subject to change without prior notice for continuous improvement

COMPATIBLE INVERTERS BRANDS





MAXPOWER

MP 2500 ULTRA

LITHIUM ION BATTERY



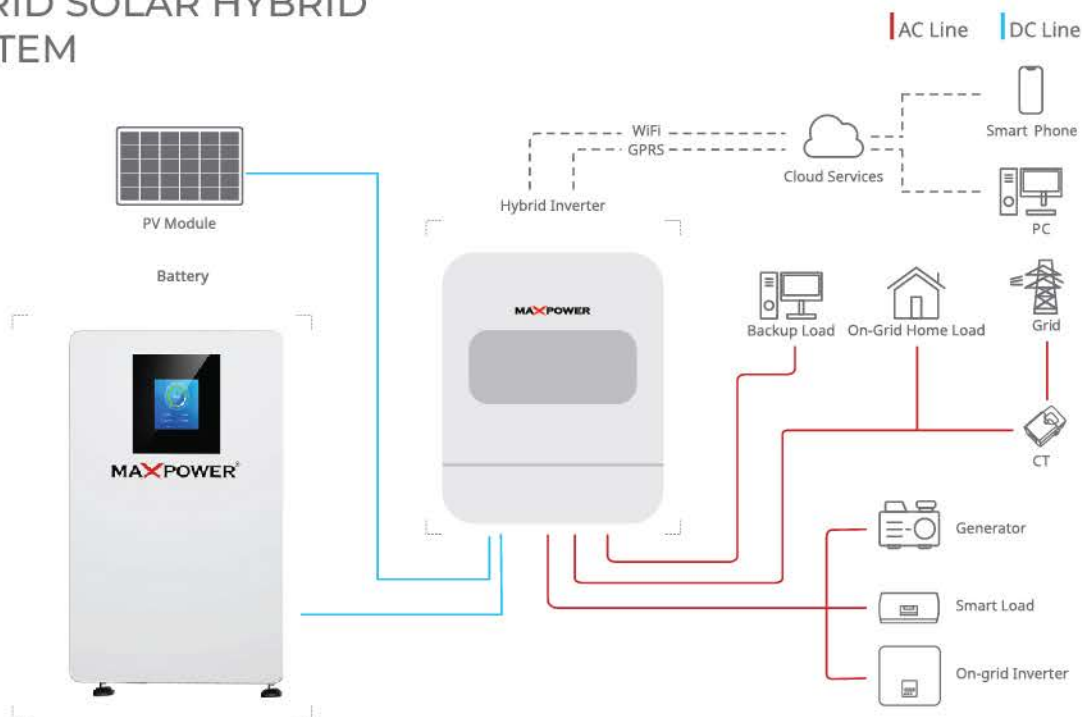
PRODUCT FEATURES

- 1C Discharge
- Max 2 Batteries in Series & Max 4 Batteries in Parallel
- Bluetooth and Wifi Monitoring
- Color Touch Screen Display
- Nominal Ratings 25.6V, 100Ah, 2.5KWh
- 6000 Life Cycles
- Max Operating Altitude <2000 m
- Communication RS485
- Warranty: Standard 5 years

MODEL	MP 2500-ULTRA
Performance	
Nominal Ratings	25.6 V, 100 Ah, 2560 Wh
Bulk Charge V	28 V
Float Charge V	27.6 V
Low Voltage	25.6 V
Cutoff Voltage	23.2 V
Charge Current	50 A
Discharge Current	100 A
Short Circuit Current	≈2000 A
General Specification	
Dimension (WxDxH mm)	480 x 330 x 155 mm
Weight (kg)	26 kg
Installation	Floor Stand or Wall Mount
Display	Color touchscreen
Operating Temperature	Charge: 0-55°C / Discharge: -20°C-55°C
Operating / Storage	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	LiFePO4, Lithium Iron Phosphate
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 1 C, 60% EOL
Scalability	Max 2 batteries in series, Max 4 batteries in parallel
Standard Compliance (more available upon request)	
Certificates	CE, UN38.3
Ordering and Deliverable Part	
Product Ordering Part	MP2500-Ultra

* Product specifications are subject to change without prior notice for continuous improvement

ON/OFF GRID SOLAR HYBRID HOME SYSTEM



COMPATIBLE INVERTERS BRANDS





MAXPOWER

MP 5000 ULTRA

LITHIUM ION BATTERY



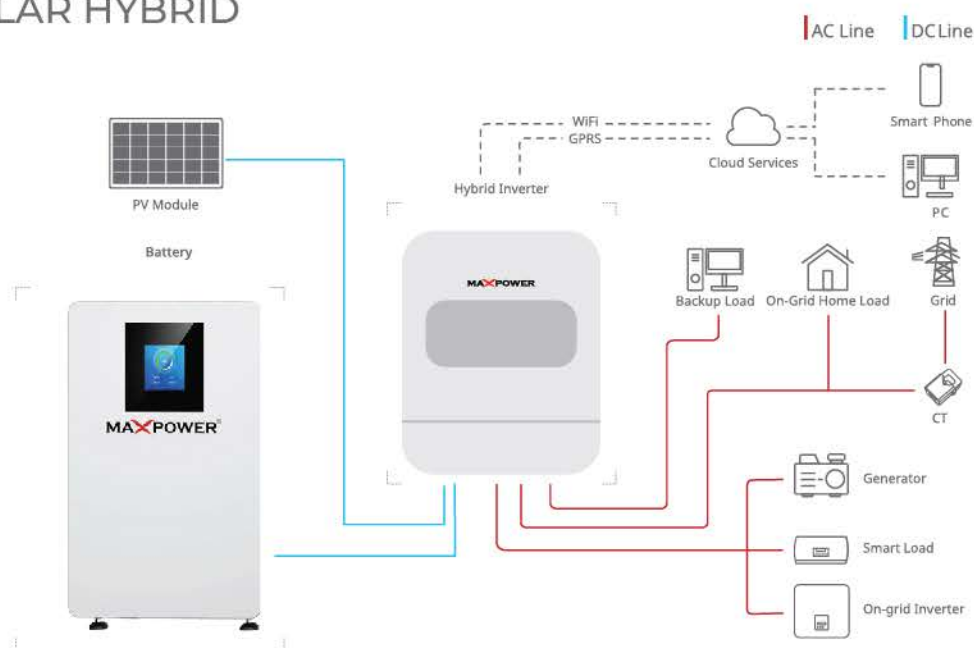
PRODUCT FEATURES

- 1C Discharge
- Max 15 Batteries in Parallel
- Bluetooth and Wifi monitoring
- Color Touch Screen Display
- 6000 Life Cycles
- Nominal Rating 51.2V, 100Ah, 5.22KWh
- Warranty: Standard 5 years

MODEL	MP 5000-ULTRA
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	100 Ah
Battery Energy	5.12 kWh
Charge Current	50 A
Charge Power	2.56 kW
Discharge Current	100 A
Discharge Power	5.12 kW
Short Circuit Current	350 A
Communication	
Display	Color touchscreen
Communication	CAN, RS485, RS232
General Specification	
Dimension (WxDxH mm)	630 x 420 x 145 mm
Weight (kg)	47.3 kg
Installation	Floor Stand or Wall Mount
Operating Temperature	Charge: 0-55°C / Discharge: -20°C ~ 55°C
Operating /Storage Humidity	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	LiFePO4, Lithium Iron Phosphate
Cycle Life	6000 Cycles @ 80% DoD / 25°C/ 1 C, 60% EOL
Scalability	Max 15 batteries in parallel
Standard Compliance (more available upon request)	
Certificates	CE, UN38.3
Ordering And Deliverable Part	
Product Ordering Part	MP5000-Ultra Battery (Cable / wall mount included)

* Product specifications are subject to change without prior notice for continuous improvement

ON/OFF GRID SOLAR HYBRID HOME SYSTEM



COMPATIBLE INVERTERS BRANDS





MAXPOWER

MP 10000 ULTRA

LITHIUM ION BATTERY



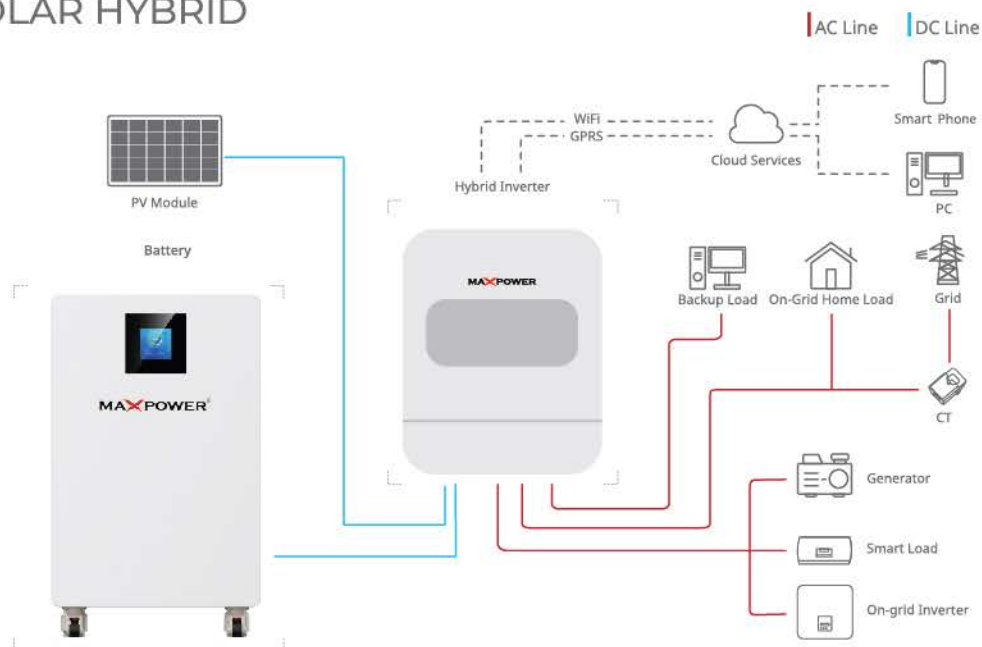
PRODUCT FEATURES

- 1C Discharge
- Max 63 Batteries in Parallel
- Bluetooth and Wifi Monitoring
- Nominal Ratings 51.2V, 205Ah, 10.50KWh
- 6000 Life Cycles
- Color Touch Screen Display
- Warranty: Standard 5 years

MODEL	MP 10000-ULTRA
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	205 Ah
Battery Energy	10.5 kWh
Charge Current	120 A
Charge Power	6.14 kW
Discharge Current	200 A
Discharge Power	10.2 kW
Short Circuit Current	540 A
Communication	
Display	Color touchscreen
Communication	CAN, RS485, RS232
General Specification	
Dimension (WxDxH mm)	695 x 465 x 230 mm
Weight (kg)	93 kg
Installation	Floor Stand or Wall Mount
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C
Operating /Storage Humidity	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	LiFePO4, Lithium Iron Phosphate
Cycle Life	6000 Cycles @ 80% DoD / 25°C/ 1 C, 60% EOL
Scalability	Max 63 batteries in parallel
Standard Compliance (more available upon request)	
Certificates	CE, UN38.3
Ordering And Deliverable Part	
Product Ordering Part	MP 10000-Ultra Battery (Cable / wall mount included)

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ON/OFF GRID SOLAR HYBRID HOME SYSTEM



COMPATIBLE INVERTERS BRANDS





MAXPOWER

MP 16000 ULTRA

LITHIUM ION BATTERY



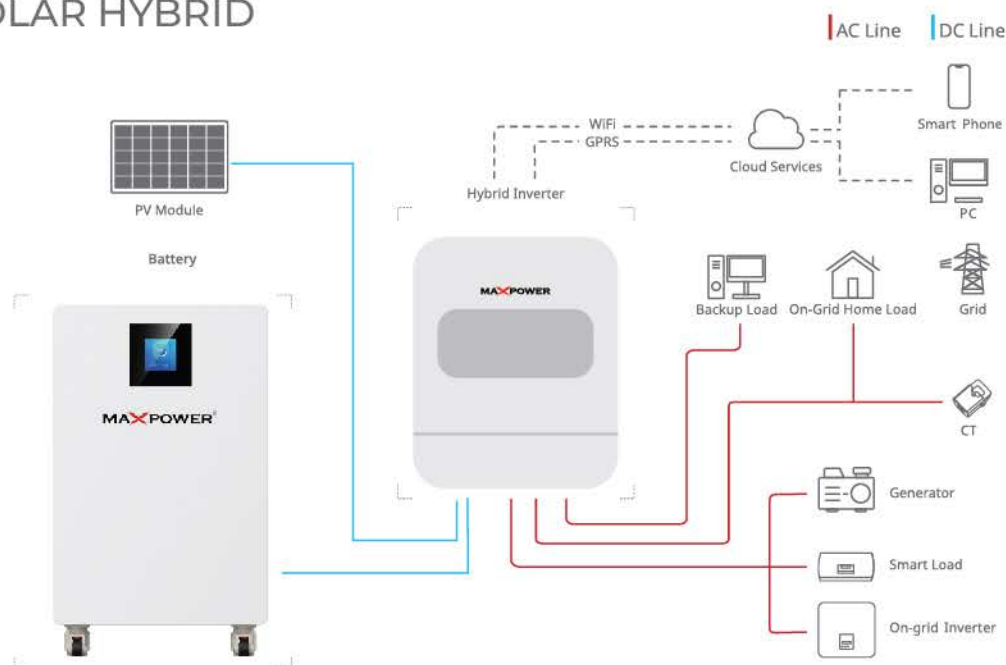
PRODUCT FEATURES

- 0.75C Discharge
- Max 63 Batteries in Parallel
- Bluetooth and Wifi Monitoring
- Color Touch Screen Display
- 8000 Life Cycles 80% DOD
- Nominal Ratings 51.2V, 314Ah, 16KWh
- Warranty: Standard 5 years

MODEL	MP 16000-ULTRA
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	314 Ah
Battery Energy	16 kWh
Charge Current	150 A
Charge Power	7.68 kW
Discharge Current	200 A
Discharge Power	10.24 kW
Short Circuit Current	540 A
Communication	
Display	Color touchscreen
Communication	CAN, RS485, RS232
General Specification	
Dimension (WxDxH mm)	780 x 470 x 235 mm
Weight (kg)	120 kg
Installation	Floor Stand
Operating Temperature	Charge: 0-55°C / Discharge: -20°C ~ 55°C
Operating /Storage	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	LiFePO4, Lithium Iron Phosphate
Cycle Life	8000 Cycles @ 80% DoD / 25°C/ 0.75C, 60% EOL
Scalability	Max 63 batteries in parallel
Standard Compliance (more available upon request)	
Certificates	CE, UN38.3
Ordering And Deliverable Part	
Product Ordering Part	MP 16000-Ultra Battery (Cable included)

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ON/OFF GRID SOLAR HYBRID HOME SYSTEM



COMPATIBLE INVERTERS BRANDS





MAXPOWER

MP 32000 ULTRA

LITHIUM ION BATTERY



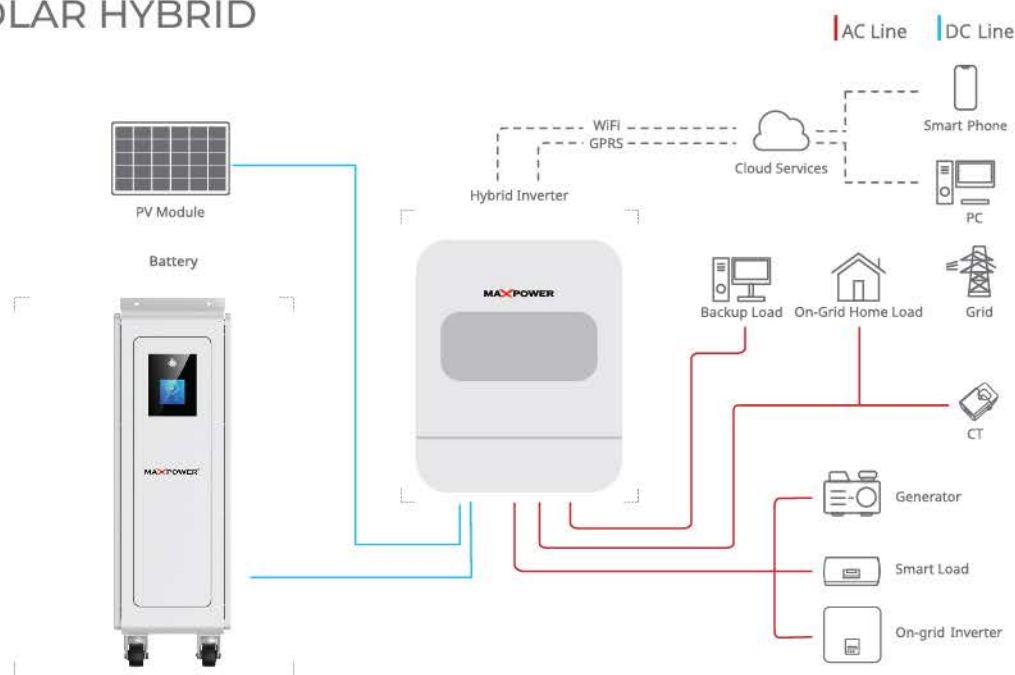
PRODUCT FEATURES

- Discharge Current 200A
- Max. Parallel Units 63
- LiFePO₄, Lithium Iron Phosphate
- Nominal Rating 51.2V, 628Ah, 32KWh
- 8000 Life Cycles
- Max Operating Altitude <2000 m
- Communication CAN, RS485, RS232

MODEL	MP 32000-ULTRA
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	628 Ah
Battery Energy	32 kWh
Charge Current	150 A
Charge Power	7.68 kW
Discharge Current	200 A
Discharge Power	10.24 kW
Short Circuit Current	540 A
Communication	
Display	Color touchscreen
Communication	CAN, RS485, RS232
General Specification	
Dimension (WxDxH mm)	800 x 325 x 900 mm
Weight (kg)	240 kg
Installation	Floor Stand
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C
Operating /Storage	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	LiFePO4, Lithium Iron Phosphate
Cycle Life	8000 Cycles @ 80% DoD / 25°C/0.5C, 60% EOL
Scalability	Max 63 batteries in parallel
Standard Compliance (more available upon request)	
Certificates	CE, UN38.3
Ordering And Deliverable Part	
Product Ordering Part	MP 32000-Ultra Battery (Cable included)

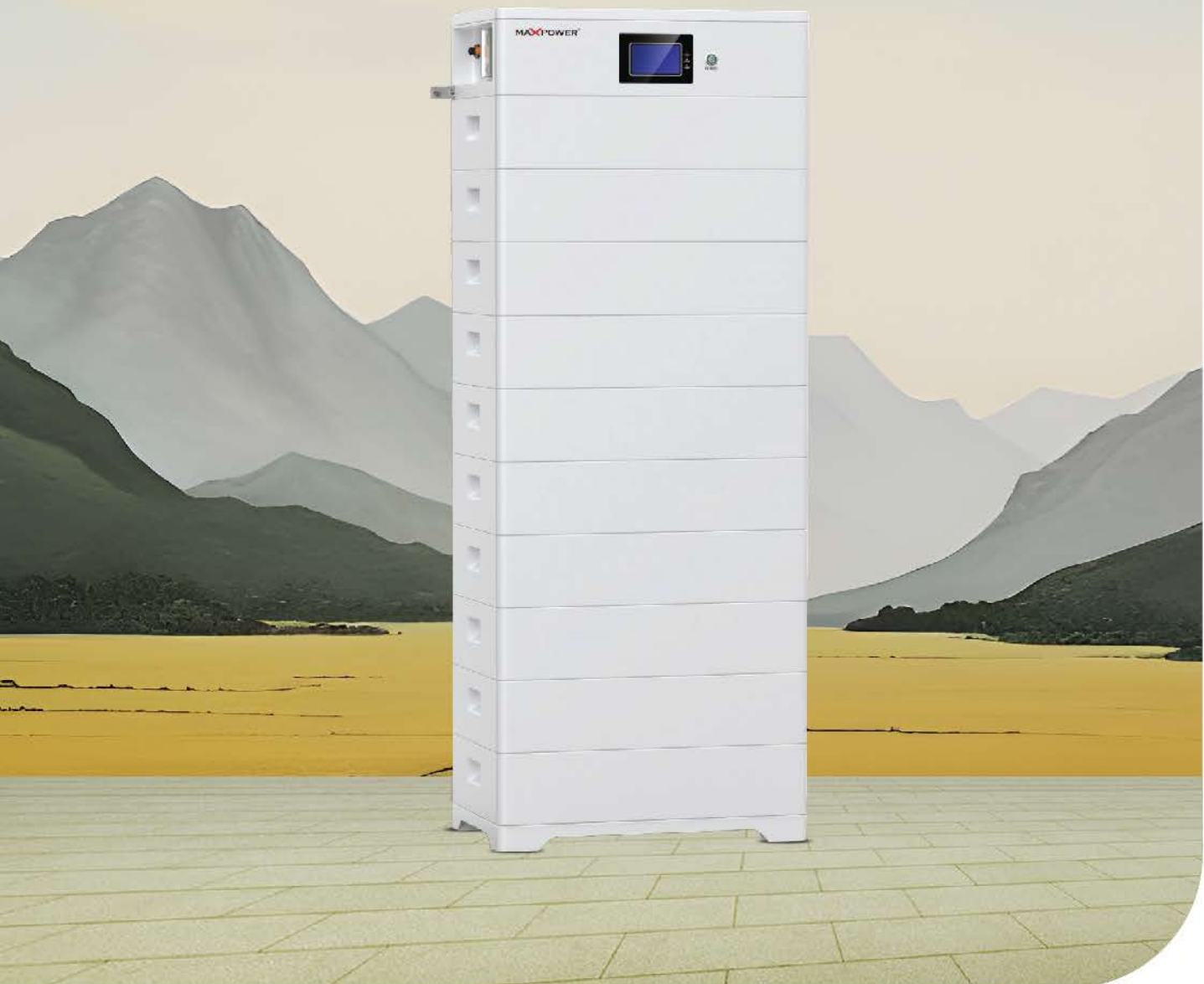
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ON/OFF GRID SOLAR HYBRID HOME SYSTEM



COMPATIBLE INVERTERS BRANDS





MAXPOWER

HP 5000-H

LITHIUM ION BATTERY

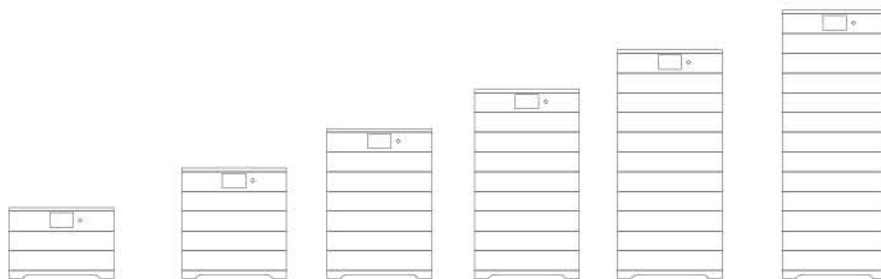


PRODUCT FEATURES

- Premium LifePO₄ Cell
- IP65 To With Stand Harsh Conditions
- Pack Level Active Balance
- Capacity From 10.44 to 1002.24 kWh
- Compatible With Major PCS Brand
- Take Control on Your Phone

HP 5000-H

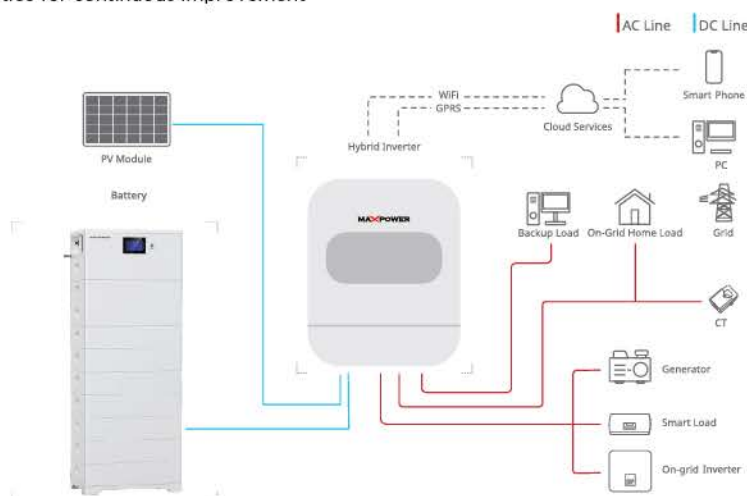
HIGH VOLTAGE MODULAR LITHIUM ION BATTERY



MODEL	HP 5000-H2	5000-H4	5000-H6	5000-H8	5000-H10	5000-H12
Performance						
Nominal Voltage (VDC)	102.4	204.8	307.2	409.6	512	614.4
Operating Voltage (VDC)	83.2 - 113.6	166.4 - 227.2	249.6 - 340.8	332.8 - 454.4	416 - 568	499.2 - 681.6
Nominal Capacity (Ah)	102					
Battery Energy (KWh)	10.44	20.88	31.32	41.76	52.20	62.64
Charge Current (A)	100					
Charge Power (KW)	5.12	10.24	15.36	20.48	25.6	30.72
Discharge Current (A)	100 A					
Discharge Power (KW)	8.19	16.38	24.58	32.77	40.96	49.15
Communication						
Display	4.3 inch (16:9) Touch Screen					
Communication	CAN					
General Specification						
Dimension (W x D x H mm)	620 x 380 x 492	620 x 380 x 769	620 x 380 x 1046	620 x 380 x 1323	620 x 380 x 1600	620 x 380 x 1877
Weight (KG)	110	200	290	380	470	560
Installation	Floor Stand					
Operating Temperature	Charge: 0-55°C / Discharge: -20°C ~ 55°C					
Operating / Storage humidity	<95% RH					
Max Operating Altitude	<2000% m					
IP Rating	IP65					
Cell Technology	LiFePO4, Lithium Iron Phosphate					
Cycle Life	6000 Cycles @ 80% DoD / 25 °C / 1C, 60% EOL					
Scalability	Max 16 piles in parallel					
Standard Compliance(more available upon request)						
Certificates	CE, UN38.3					
Ordering And Deliverable Part						
Product Ordering Part	HP 5000-H Battery / HP 5000-H Main Control / Level 3 Parallel Box					

* Product specifications are subject to change without prior notice for continuous improvement

ON/OFF GRID SOLAR HYBRID HOME SYSTEM



COMPATIBLE INVERTERS BRANDS





SUNTRONIC
PV 3000 PRO
SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Grid Feeding
- Pure sine wave solar inverter
- Battery independent design
- Maximum charging current 100A
- Reserved communication port for BMS
- Built-in anti-dust kit
- Battery equalization function to optimize battery performance & extend lifecycle
- Built-in WiFi with remote monitoring APP 18 Months Warranty

MODEL	SUNTRONIC PV 3000 ULTRA
Rated Power	3000VA/3000W
Input	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
Output	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	6000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
Battery	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	32 VDC
Solar Charger & Ac Charger	
Solar Charger Type	MPPT
Maximum PV Array Power	3000W
MPPT Range @ Operating Voltage	30-400 VDC(30-60VDC with battery connected)
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum Solar Charge Current	100A
Maximum AC Charge Current	80A
Maximum Charge Current	100A
Physical	
Dimension, D x W x H (mm)	110 x 288 x 390
Net Weight (kgs)	7.2
Communication Interface	USB/RS232/RS485/WiFi
Operating Environment	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

* Product specifications are subject to change without prior notice for continuous improvement



SUNTRONIC

PV 5000 PRO

SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Grid Feeding
- PV input 5000
- Maximum PV input current 27A
- Wide PV input voltage range 60VDC~450VDC
- Dual output for smart load management
- Touchable button with large 4.3" colored LCD
- Customizable status LED ring with RGB lights
- Data log event stored in the inverter
- Battery equalization extends lifecycle
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- Supports USB On-the-Go function
- Built-in Wifi for mobile monitoring (Android/iOS App available)

Model	Suntronic Pv 5000 Pro
Rated Power	400VA/4000W
Input	
Voltage	230 VAC
Selectable Voltage	170-280 VAC (for Personal Computers) 90-280 VAC (for Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
Output	
AC Voltage Regulation (Batt. Mode)	230VAC± 10%
Efficiency (Peak)	90% - 93%
Transfer Time	10 ms (for Personal Computers) 20 ms VAC (for Home Appliances)
Waveform	Pure Sine Wave
Battery	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Over Charge Protection	33 VDC
Solar Charger & AC Charger	
Solar Charger Type	MPPT
Maximum PV Array Power	5000W
MPPT Range @ Operating Voltage	60 - 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
Physical	
Dimension, D x W x H (mm)	119 x 313.6 x 457.5
Net Weight (kgs)	10
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
Operating Environment	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

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SUNTRONIC
PV 6000 PRO
SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Grid Feeding
- Output power factor 1
- Built-in 120A MPPT solar charger
- Battery equalization function to optimize battery
- Wide PV input voltage range from 60VDC-450VDC
- Dual inputs and dual outputs
- Built-in WiFi with remote monitoring APP
- Built-in communication port for BMS performance and extend lifecycles
- Maximum PV input current increases to 27A Battery independent design

MODEL	SUNTRONIC PV 6000 PRO
Rated Power	6000VA/6000W
Input	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
Output	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
Battery	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
Solar Charger & AC Charger	
Solar Charger type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	6000W
Maximum PV Input Current	27A
MPPT Operating Voltage Range	60 - 450 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
Physical	
Dimension, D x W x H (mm)	107 x 322.6 x 420.3
Net Weight (kgs)	10.5
Communication Interface	RS232/RS485/WiFi
Operating Enviroment	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

* Product specifications are subject to change without prior notice for continuous improvement



SUNTRONIC
PV 7000 PRO
SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Grid Feeding
- PV input 7000W
- Dual outputs for smart load management
- Touchable button with 4.3" colored LCD
- Maximum PV input current 27A
- Self-consumption and Feed-in to the grid
- Parallel operation up to 9 units
- Reserved communication port for BMS
- Built-in Wi-Fi for mobile monitoring (App is available)
- Programmable Modes: Grid-Tie, Off-Grid And Grid-tie With Backup
- Programmable supply priority for PV, Battery or Grid
- User-adjustable charging current and voltage

MODEL	SUNTRONIC PV 7000 PRO		
Rated Output Power	6000W		
Phase	1-phase in / 1-phase out		
Maximum Pv Input Power	7000W		
Maximum Charging Power	6000W		
Grid-Tie-Operation			
Pv Input (DC)			
Nominal DC Voltage / Maximum DC Voltage	360 VDC / 500 VDC		
Start-up Voltage / Initial Feeding Voltage	110VDC / 120 VDC		
MPPT Voltage Range	120 VDC - 430 VDC		
Number of MPP Trackers / Maximum Input Current	1 / 27 A		
Grid Output (AC)			
Nominal Output Voltage	220/230/240 VAC		
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)		
Nominal Output Current	26A		
Power Factor	> 0.9		
Efficiency			
Maximum Conversion Efficiency (DC/AC)	96%		
AC Input (Off-Grid Operation)			
AC Start-up Voltage / Auto Restart Voltage	120 - 140VAC / 180VAC		
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC		
Maximum AC Input Current	40 A		
Pv Input (DC)			
Maximum DC Voltage	500 VDC		
MPPT Voltage Range	120 VDC - 430 VDC		
Number of MPP Trackers / Maximum Input Current	1 / 27A		
Battery Mode Output (AC)			
Nominal Output Voltage	Output Waveform	Efficiency (DC to AC)	
220/230/240 VAC	Pure sinewave	93%	
Pv Input (DC) Hybrid Operation			
Nominal DC Voltage / Maximum DC Voltage	Start-up Voltage / Initial Feeding Voltage	MPP Voltage Range	
360 VDC / 500 VDC	110VDC / 120 VDC	120 VDC - 430 VDC	
Number of MPP Trackers / Maximum Input Current			
1 / 27 A			
Grid Output (AC)			
Nominal Output Voltage	Output Voltage Range	Nominal Output Current	
220/230/240 VAC	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)	26A	
AC Input			
AC Start-up Voltage / Auto Restart Voltage	Acceptable Input Voltage Range	Maximum AC Input Current	
120 - 140 VAC / 180 VAC	90 - 280 VAC or 170 - 280 VAC	40A	
Battery Mode Output (AC)			
Nominal Output Voltage		Efficiency (DC to AC)	
220/230/240 VAC		93%	
Battery & Charger			
Nominal DC Voltage	Maximum Solar Charging Current	Maximum AC Charging Current	Maximum Charging Current
48 VDC	120A	120A	120A
General (Physical)			
Dimension, D x W x H (mm)		Net Weight (kgs)	
140 x 295 x 468		12	
Interface			
Parallel Function		Communication Port	
Yes, 9 units		USB/RS232/RS485/Wifi/Dry-contact	
Environment			
Humidity		Operating Temperature	
0 - 90% RH (Non-condensing)		-10 to 50°C	



SUNTRONIC

PV 10000 ULTRA

SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Grid Feeding
- Parallel operation with 6 units
- Built-in WiFi with remote monitoring APP
- Support optional GFCI, Rapid shutdown, AFCI detections
- Built-in 2.8" colored LCD with slide operation
- Built-in power status lighting indicators
- Supports USB On-the-Go function reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Dual outputs for smart load management
- Support external BTS (Battery Temperature Sensor) detection
- Built-in current transformer sensor to meet self-consumption application
- Two independent AC power sources connected and switched automatically

MODEL	SUNTRONIC PV 10000 ULTRA
Rated Power	8000 VA/8000W
Parallel Capability	YES, 6 units
Input	
Voltage	230VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
Output	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	16000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
Battery	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
Solar Charger & AC charger	
Solar Charger Type	MPPT
Maximum PV Array Power	10000W (5000W x 2)
MPPT Operating Voltage Range	90 - 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)
Maximum Solar Charge Current	150A
Maximum AC Charge Current	120A
Maximum Charge Current	150A
Physical	
Dimension, D x W x H (mm)	145 x 438 x 553.6
NetWeight (kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact/BTS Support optional GFCI, Rapid shutdown, AFCI detection
External Current Sensor Port	Yes, built-in current transformer sensor
Operating Environment	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
Standard	
Compliance Safety	CE

* Product specifications are subject to change without prior notice for continuous improvement



MAXPOWER
HYD-6K-H8
SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Wide MPPT Range
- Type 2 SPD on DC/AC
- Max 3 Inverters in Parallel
- Lithium & Lead Acid Battery Supported
- IP66 Protection Degree
- Max PV Input 9KW
- Touch LED Display
- 2 MPPT Trackers
- Integrated and Concise
- Support Generator and Smart Loads
- 19A MPPT Input Current Per String
- Max PV Open Circuit Voltage 550(V)

MODEL		HYD 6K-H8		
PV Input				
Max. PV Input Power(kW)		9		
Max. PV Open Circuit Voltage(V)		550		
MPPT Range@ Operating Voltage (VDC)		80 - 520		
Full Power MPPT Voltage Range (VDC)		250 - 500 V		
Start-up Voltage (VDC)		90		
Max. Input Current per MPPT(A)		19/19		
Max. Short-circuit Current(A)		25/25		
MPPT Trackers/Strings per Tracker		2/1		
Nominal Input Voltage (V)		360		
AC Output (On-Grid)				
Nominal Output Power to Grid (kW)		6		
Max. Apparent Power to Grid (kVA)		6		
Max. Apparent Power from Grid (kVA)		6		
Max. Apparent Current from Grid (A)		26.1		
Nominal Output Current from Grid(A)		26.1		
Max. Output Current to Grid (A)		26.1		
Nominal Voltage/Frequency		230V(176V-280V), 50/60Hz, L+N+PE		
Adjustable Power Factor		0.8leading-0.8 lagging		
THDI		<2%		
AC Output (Back Up)				
Nominal Output Power(kW)		6		
Max. Apparent Power(kVA)		6		
Nominal Output Current (A)		26.1		
Max. Output Current(A)		26.1		
Nominal Voltage/Frequency		230V(176V-238V), 50/60Hz, L+N+PE		
Automatic Switch Time(ms)		<20		
THDu		<2%		
Overload Capacity		110%, 10s/ 150%, 5s / 180%, 1s / 200%, 100ms		
Efficiency				
Max. efficiency		96.65%		
Euro efficiency		97.50%		
MPPT Efficiency		99.00%		
Max. Battery Charge/Discharge Efficiency		94.60%		
Battery				
Battery Voltage Range (V)		40 - 60		
Recommended Battery Voltage (V)		48		
Max. Charging Voltage(V)		60		
Max. Charging/Discharging Current (A)		120 / 120		
Battery Type		Lithium ion and Lead Acid Battery		
Protection				
DC Switch		Yes		
DC Reverse Polarity Protection		Yes		
DC/AC Surge Protection		Type II / Type II		
AC Overvoltage Protection / AC Short-circuit Protection / Ground Fault Monitoring / Anti-islanding Protection / Residual-current Monitoring / Insulation Resistance Monitoring Peak/Valley Time Setting		Yes		
Standard Compliance				
Safety Regulation		IEC/EN 62109-1/-2		
EMC		IEC/EN61000-6-1/-2/-3 /- 4		
Grid Regulation		IEC61727; IEC62116; Europe: EN50549; Belgium: C10/I1; Spain: UNE217002; Italy: CEI 021; South Africa: NRS 097		
General Data				
HMI	BMS	EMS / Meter	Communication	Max. Operating Altitude
Touch LCD & APP	RS485; CAN	RS485	WiFi / LAN	4000m(Derating above 3000m)
Cooling	Noise Emission	Dimensions (W*H*D)		Net Weight
Natural	≤ 29dB	485*525*205 mm (without terminal and bracket)		24
Ingress Protection		Operating Temperature Range		Relative Humidity
IP66		-25 - 60℃		0-95% (Non-condensing)

* Product specifications are subject to change without prior notice for continuous improvement



MAXPOWER

PV TECH 1200

SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Built-in 60A Solar Charger
- PV Input Voltage Range 18-125V
- Pure Sine Wave
- LED Display
- Support Lithium ion / Lead-acid Battery
- Lithium ion Battery Activation
- Rated Output 1.2KW
- Detachable Dust Cover

MODEL	PV Tech 1200
AC Input	
Rated Input Voltage (VAC)	208 / 220/230 / 240; L + N + PE
Voltage Range (VAC)	90-280±3 (normal mode); 170-280±3 (UPS mode)
Frequency (Hz)	50/60 (Auto Adaptive)
AC Output	
Rated Capacity (KW)	1.2
Surge Power (KVA)	2.4
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	10min @ 102%-120% load; 60s@ 120%-150% load; 10s@ 150%-200% load
Max. Efficiency (Battery Mode)	90%@ 12VDC
Parallel Quantity	NA
Charger (PV/AC)	
Solar Charger Type	MPPT
Max PV input current / power	12A / 1000W
MPPT Range@ Operating Voltage (VDC)	18 - 100
Max PV Open Circuit Voltage (VDC)	125
Max PV Charge Current (A)	60
Max AC Charge Current (A)	60
Max. Charge Current (PV + AC) (A) Battery	120
Battery	
Normal Voltage (VDC)	12
Floating Charge Voltage (VDC)	13.8
Overcharge Protection (VDC)	15
Battery Type	Lithium ion and Lead - acid
Interface	
HMI	LCD
Interface	RS 232 / RS485
Monitoring	NA
General Data	
Ingress Protection	IP21
Operating Temperature	-10 °C-60 °C
Relative Humidity	5%-95% (Non-condensing)
Storage Temperature	-15 °C-60 °C
Net Weight (kg)	3.2
Dimensions (W*H*D)	347 *236*91 mm
Max. Operating Altitude Activation	4000m (Derating above 1000m)
Activation	
AC Activation	Yes
PV Activation	Yes

* Product specifications are subject to change without prior notice for continuous improvement



MAXPOWER
PV TECH 5000
SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Wide MPPT Range
- Single AC Output
- Wifi Monitoring (Optional)
- Lithium ion & Lead Acid Battery Supported
- IP21 Protection degree
- Max PV Input 5000W
- Battery VDC 24V
- Rated Capacity (3.6KW)
- Workable Without Battery
- Reserved Communication Port For BMS
- Programable Supply Priority For PV, Battery or Grid

MODEL	PV Tech 5000
AC Input	
Rated Input Voltage (VAC)	208 / 220/230 / 240; L + N + PE
Voltage Range (VAC)	90-280±3 (normal mode); 170-280±3 (UPS mode)
Frequency (Hz)	50/60 (Auto Adaptive)
AC Output	
Rated Capacity (KW)	3.6
Surge Power (KVA)	5.7
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s @ 102%-110% load; 10s@ 110%-130% load; 3s@ 130%-150% load ; 0.2s@>150% load
Max. Efficiency (Battery Mode)	92.7%@ 24VDC
Parallel Quantity	NA
Charger (PV/AC)	
Solar Charger Type	MPPT
Max PV input current / power	18A / 5000W
MPPT Range@ Operating Voltage (VDC)	40 - 450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	100
Max AC Charge Current (A)	100
Max. Charge Current (PV + AC) (A) Battery	100
Battery	
Rated Voltage (VDC)	24
Floating Charge Voltage (VDC)	27
Overcharge Protection (VDC)	30.5
Battery Type	Lithium ion and Lead - acid
Interface	
HMI	LCD
Interface	RS485 / RS232 / USB / Dry Contact
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10 °C-50 °C
Relative Humidity	5%-95% (Non-condensing)
Storage Temperature	-15 °C-60 °C
Net Weight (kg)	6.4
Dimensions (W*H*D)	420 *284*94 mm
Max. Operating Altitude Activation	4000m (Derating above 1000m)

* Product specifications are subject to change without prior notice for continuous improvement



MAXPOWER
PV TECH 9000
SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Built-in 120A Solar Charger
- Built-in Wifi Monitoring
- 27A Max PV Input
- Dual AC Output
- 5 inch Display
- Workable With Generator
- Support Lithium ion / Lead-acid Battery
- Lithium ion Battery Activation
- Feed-in to Grid
- MPPT Operating Voltage 60-450V
Max PV Open Circuit Voltage 500V

MODEL	PV Tech 9000
AC Input	
Rated Input Voltage (VAC)	208 / 220/230 / 240; L + N + PE
Voltage Range (VAC)	90-280±3 (normal mode); 170-280±3 (UPS mode)
Frequency (Hz)	50/60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	6
Surge Power (KVA)	12
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s @ 102%-110% load; 10s@ 110%-130% load; 3s@ 130%-150% load ; 0.2s@>150% load
Max. Efficiency (Battery Mode)	94%@ 48VDC
Parallel Quantity	NA
Charger (PV/AC)	
Solar Charger Type	MPPT
Max PV input current / power	27A / 9000W
MPPT Operating Voltage Range	60 - 450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	120
Max AC Charge Current (A)	120
Max. Charge Current (PV + AC) (A) Battery	120
Battery	
Rated Voltage (VDC)	48
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery Type	Lithium ion and Lead - acid
Interface	
HMI	LCD
Interface	RS485 / RS232 / USB / USB
Monitoring	WiFi (Optional-Internal/External)
General Data	
Ingress Protection	IP21
Operating Temperature	-10 °C-50 °C
Relative Humidity	5%-95% (Non-condensing)
Storage Temperature	-15 °C-60 °C
Net Weight (kg)	8.4
Dimensions (W*H*D)	410 *334*110 mm
Max. Operating Altitude Activation	4000m (Derating above 1000m)

* Product specifications are subject to change without prior notice for continuous improvement



MAXPOWER

CHF 200-PV Series (4.0~75KW)

SOLAR WATER PUMPING INVERTER (VFD)

PRODUCT FEATURES

- Hybrid Operation (AC Supply & PV Supply)
- Advanced MPPT Algorithms
- High Efficiency and Stability
- Effective Protection Function
- Intelligent IOT
- Drive Multi Types of Pumps (PMSM, SM, Single Phase Motor, etc)

MODEL	CHF 200- PV Series
DC Input	
Max DC voltage(V)	900
Start voltage(V)	300
Min. work voltage(V)	250
Recommended MPPT voltage(V)	300 - 750
Recommended input work voltage(V)	550
AC Input	
Input voltage(Vac)	3PH 380-15%-440+10%-4 3PH 220-15%-240+10%-2 1PH 220-15%-240+10%-S2 & -SS2
Input frequency(Hz)	47-63
AC Output	
Output voltage(Vac)	0-input voltage
Output frequency(Hz)	0-400
Control Performance	
Control method	V/F (SVPWM)
Pump type	Asynchronous synchronous and single phase motor.
Overload capability	120% of rated current: 1 minute 150% of rated current: 10 seconds
Others	
Protective degree	IP20
Cooling method	Forced air cooling
Interface	LED keypad
Professional function	
Protection function	Low water level, overload, overcurrent, overvoltage, weak sunlight alarm, overheating, etc.
MPPT function	Automatic factory setting
Auto run/stop	Sleep when the light is weak, and wake up when the light is strong
Water level monitor	Sleep when the water is full, and wake up when the water level is low
Certification	
Certification Standard	CE

Product Parameters

Model	Rated output power (kW)	Max. DC input current (A)	Rated input current (A)	Rated output current (A)
CHF200-004-4-PV	4.0	20	17	16
CHF200-5R5-4-PV	5.5	30	25	20
CHF200-7R5-4-PV	7.5	30.6	25	18.5
CHF200-011-4-PV	11	39.2	32	25
CHF200-015-4-PV	15	49	40	32
CHF200-018-4-PV	18.5	50	47	38
CHF200-022-4-PV	22	60	51	45
CHF200-030-4-PV	30	81	70	60
CHF200-037-4-PV	37	90	80	75
CHF200-045-4-PV	45	130	98	92
CHF200-055-4-PV	55	150	128	115
CHF200-075-4-PV	75	200	139	150

* Product specifications are subject to change without prior notice for continuous improvement



MAXPOWER

MONO-220W

BIFACIAL PHOTOVOLTAIC MODULE



1000 VDC



36, Cells



Residential
Rooftop



Series
Connection

PERFORMANCE WARRANTY

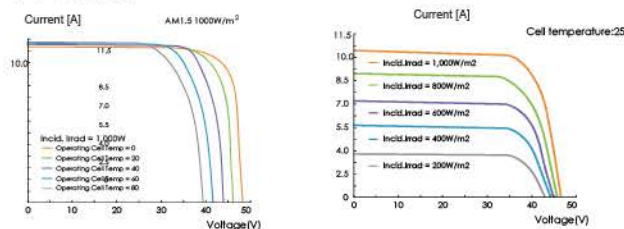
10 Years Product Warranty
25 Years Performance Warranty

ISO 9001, 14001, 45001, 50001
CERTIFIED FACTORY

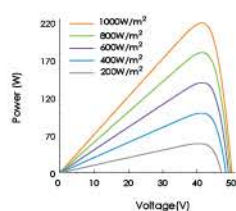
MODEL	MONO 220W BI
Electrical Characteristics	
Nominal Output (Pmpp)	200
Open Circuit Voltage(Voc)	24.0
Short Circuit Current (Isc)	11.5
Voltage at Pmax (Vmpp)	20.0
Current at Pmax (Impp)	10.5
Cell Type	Mono-Crystalline
Maximum System Voltage	1000VDC
Temperature Coefficient of Pmax	-0.34
Temperature Coefficient of Voc	-0.27
Temperature Coefficient of Isc	0.04
Mechanical Characteristics	
Dimensions	1,505 × 678 × 30(mm) (L × W × H)
Weight	11.0 (kg)
Solar Cells	36 cells Mono-Crystalline Silicon
Output Cables	Length 1,000mm, 1x2.5mm ²
Junction Box	IP65, TUV&UL
Construction	Front Glass: Pattern glass, 3.2mm, Encapsulation: EVA (Ethylene-Vinyl-Acetate)
Frame	Anodized Aluminum
Nominal Operating / Cell Temperature	45±2°C
Operating Temperature	-40°C~+85°C
Maximum System Voltage	1000VDC
Maximum Surface Load Capacity	Front 5,400 Pa / Rear 2,400 Pa

— 220W Module —

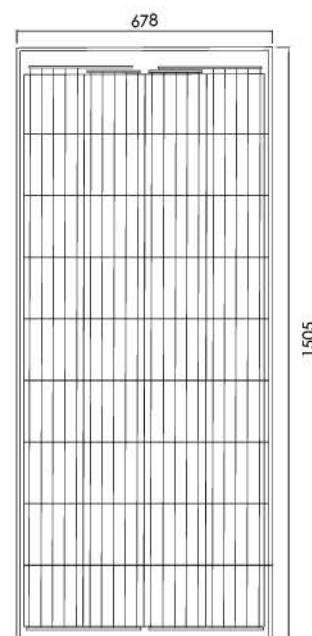
I-V Curves



P-V Curve



Module Diagram (Unit: mm)



Installation Safety Guide

Only qualified personnel should install or perform maintenance.

- Be aware of dangerous high DC voltage. Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

All data at STC(Standard Test Conditions).
Above data may be changed without prior notice.
Tolerance of Pmax:0~+3W.



MAXPOWER

BIFACIAL-280W

HALF CUT PHOTOVOLTAIC MODULE



1000 VDC



72, Cells



Residential
Rooftop



Series
Connection

PERFORMANCE WARRANTY

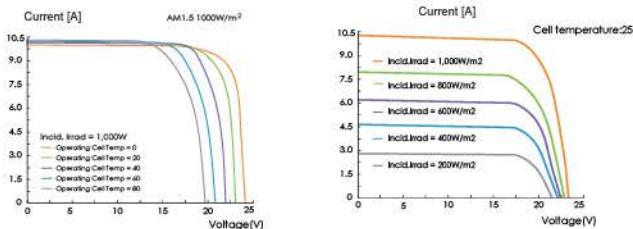
10 Years Product Warranty
25 Years Performance Warranty

ISO 9001, 14001, 45001, 50001
CERTIFIED FACTORY

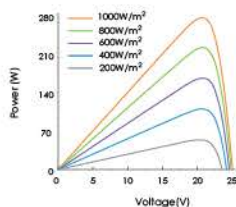
MODEL	Bifacial 280W Half Cut
Electrical Characteristics	
Nominal Output (Pmpp)	280
Open Circuit Voltage(Voc)	26.0
Short Circuit Current (Isc)	12.03
Voltage at Pmax (Vmpp)	24.5
Current at Pmax (Impp)	11.2
Cell Type	Mono-Crystalline Silicon
Maximum System Voltage	1000VDC
Temperature Coefficient of Pmax	-0.34
Temperature Coefficient of Voc	-0.27
Temperature Coefficient of Isc	0.04
Mechanical Characteristics	
Dimensions	1,505 × 678 × 30 (mm) (L × W × H)
Weight	11.0 (kg)
Solar Cells	72 cells Mono-Crystalline Silicon
Output Cables	Length 1,000mm, 1×2.5mm ²
Junction Box	IP65, TUV&UL
Construction	Front Glass: Pattern glass, 3.2mm, Encapsulation: EVA (Ethylene-Vinyl-Acetate)
Frame	Anodized Aluminum
Nominal Operating / Cell Temperature	45±2°C
Operating Temperature	-40°C~+85°C
Maximum System Voltage	1000VDC
Maximum Surface Load Capacity	Front 5,400 Pa / Rear 2,400 Pa

— 280W Module —

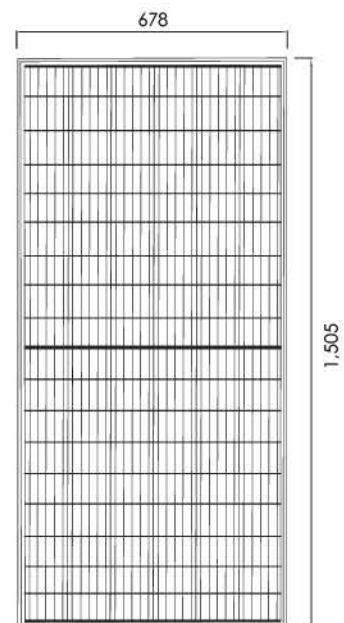
I-V Curves



P-V Curve



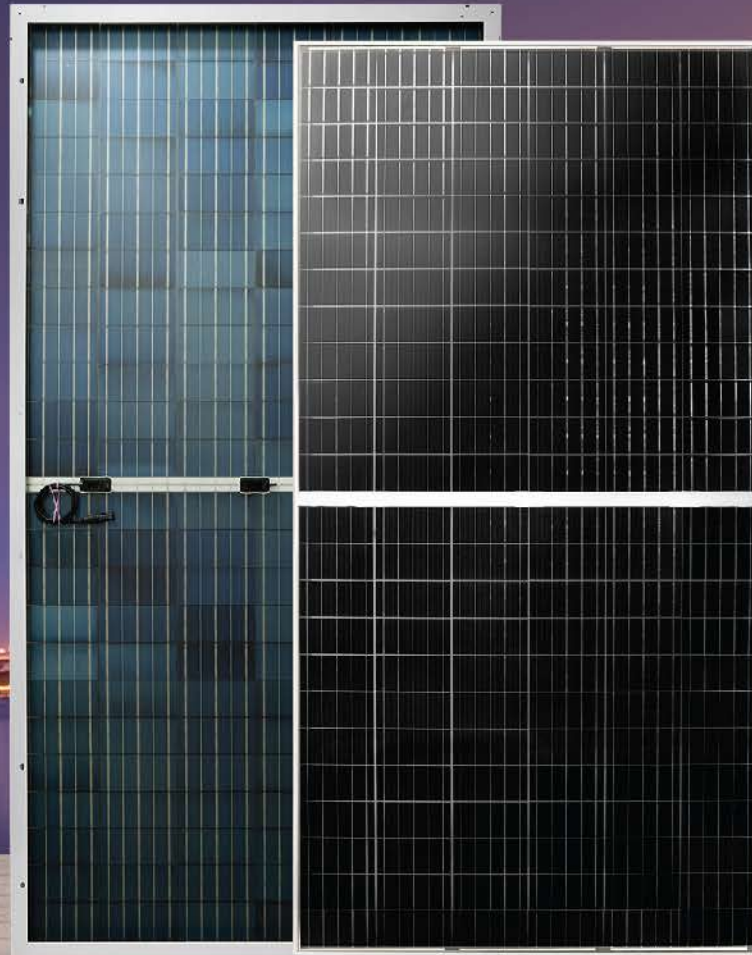
Module Diagram (Unit: mm)



Installation Safety Guide

- Only Qualified Personnel Should Install or perform maintenance.
- Be aware of dangerous high DC voltage.
- Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

All data at STC(Standard Test Conditions).
Above data may be changed without prior notice.
Tolerance of Pmax:0~+3W.



MAXPOWER

BIFACIAL-525W

HALF CUT PHOTOVOLTAIC MODULE



1000 VDC



144, Cells



Residential
Rooftop



Series
Connection

PERFORMANCE WARRANTY

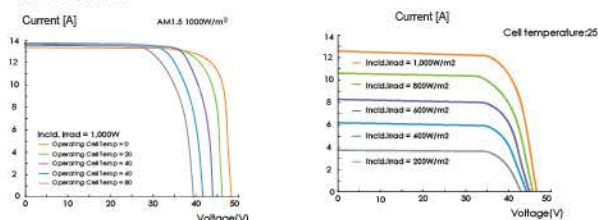
10 Years Product Warranty
25 Years Performance Warranty

ISO 9001, 14001, 45001, 50001
CERTIFIED FACTORY

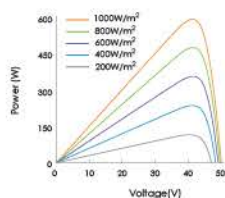
MODEL	Bifacial 525W Half Cut
Electrical Characteristics	
Nominal Output (Pmpp)	525
Open Circuit Voltage(Voc)	48.95
Short Circuit Current (Isc)	12.03
Voltage at Pmax (Vmpp)	46.75
Current at Pmax (Impp)	11.2
Cell Type	Bi.Ficial Mono-Crystalline Silicon
Maximum System Voltage	1000VDC
Temperature Coefficient of Pmax	-0.34
Temperature Coefficient of Voc	-0.27
Temperature Coefficient of Isc	0.04
Mechanical Characteristics	
Dimensions	2025 x 1000 x 35 (mm) (L x W x H)
Weight	12.0 (kg)
Solar Cells	144 cells Mono-Crystalline Silicon
Output Cables	Length 1,000mm, 1x2.5mm ²
Junction Box	IP65, TUV&UL
Construction	Front Glass: Pattern glass, 3.2mm, Encapsulation: EVA (Ethylene-Vingl-Acetate)
Frame	Anodized Aluminum
Nominal Operating / Cell Temperature	45±2°C
Operating Temperature	-40°C~+85°C
Maximum Syetem Voltage	1000VDC
Maximum Surface Load Capacity	Front 5,400 Pa / Rear 2,400 Pa

— 525W Module —

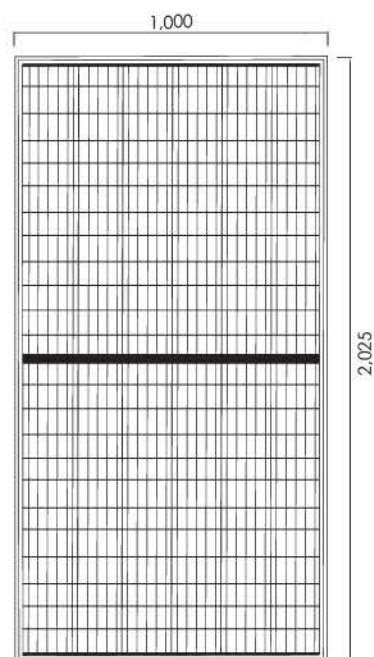
I-V Curves



P-V Curve



Module Diagram (Unit: mm)



Installation Safety Guide

- Only Qualified Personnel Should Install or perform maintenance.
- Be aware of dangerous high DC voltage.
- Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

All data at STC(Standard Test Conditions).
Above data may be changed without prior notice.
Tolerance of Pmax:0~+3W.

GREEN MAXPOWER SOLAR ENERGY TRADING LLC

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