

H. Solar and Lithium

SOLAR & LITHIUM

Solar and Lithium Category Index



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h.1 Solar Pannels

PV100

100W Monocrystalline Solar Panel (12V)

Brand: RV Tech

A monocrystalline solar panel is a type of photovoltaic panel made from a continuous single structure of silicon.

Known for its high efficiency and durability and tends to perform well in low light conditions or when light hits panel at an angle.

It also requires less space, compared to other types of panels, for the same amount of power production.

Typically used for charging a 12V deep cycle battery.



- Mono 5 year mechanical warranty
- 25 year linear warranty to 85% power output
- Max.Power Voltage (Vmp)18.76
- Maximum Operating Current(I_m) 5.33A
- Open Circuit Voltage 21.96V
- Short Circuit Current 5.69A
- Series Fuse 15A
- Withstand high wind loads and snow loads (5400Pa) front
- 3.2mm AR coating tempered glass, low iron
- Efficient PERC Mono Solar Cells (32 pcs) -
- 800(H)*680(W)*30(D)

Freight charges apply to Trade Accounts.

MOQ 2 pcs for shipping , 1 Pcs is ok for pickup

Size: 680 x 800 x 30

Remarks:

PV195

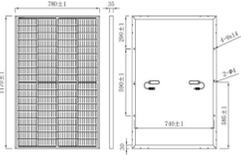
195W Monocrystalline Solar Panel (12V)

Brand: RV Tech

MOQ: 2.0

A monocrystalline solar panel is a type of photovoltaic panel made from a continuous single structure of silicon. It is known for its high efficiency and durability and tends to perform well in low light conditions.

It also requires less space, compared to other types of panels, for the same amount of power production.



- Mono 5 year mechanical warranty
- 25 year linear warranty to 85% power output
- Maximum Power (Pmp)195W
- Maximum Operating Current (Imp) 10.6A
- Maximum Operating Voltage (Vmp) 23.06V (supports systems up to 18V)
- Open Circuit Voltage (Voc) 19.3V
- Short Circuit Current (Isc) 10.10A
- Series Fuse 15A
- Withstand high wind loads and snow loads (5400Pa)
- Anti-reflective highly transparent, low iron tempered glass
- Trisect-cut M10 Topcon Mono (72pcs)
- 1170(H)*780(W)*35(D)
- Slim Line Panel

MOQ 2 pcs for shipping , 1 Pcs is ok for pickup

Size: 1170 x 780 x 35mm **Remarks:**

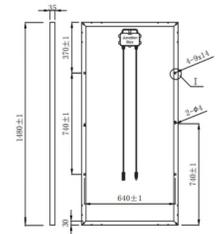
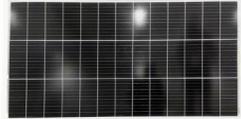
PV205

205W Monocrystalline Solar Panel

Brand: RV Tech

A monocrystalline solar panel is a type of photovoltaic panel made from a continuous single structure of silicon. It is known for its high efficiency and durability and tends to perform well in low light conditions.

It also requires less space, compared to other types of panels, for the same amount of power production.



- Mono 5 year mechanical warranty
- 25 year linear warranty to 85% power output
- Maximum Power (Pmp)205W
- Maximum Operating Current (Imp) 9.28A
- Maximum Operating Voltage (Vmp) 22.1V (supports systems up to 18V)
- Open Circuit Voltage (Voc) 25.7V
- Short Circuit Current (Isc) 9.73A
- Series Fuse 20A
- Withstand high wind loads and snow loads (5400Pa)
- Anti-reflective highly transparent, low iron tempered glass
- Half-Cut G12 Topcon Mono (39pcs)
- 1480(H)*680(W)*35(D)
- Slim Line Panel

MOQ 2 pcs for shipping , 1 Pcs is ok for pickup

Size: 1480(H)*680(W)*35(D)

PV325	325W Monocrystalline Solar Panel (12V/24V)	<p>Brand: RV Tech</p> <p>A monocrystalline solar panel is a type of photovoltaic panel made from a continuous single structure of silicon.</p> <p>It is known for its high efficiency and durability and tends to perform well in low light conditions.</p> <p>It also requires less space, compared to other types of panels, for the same amount of power production.</p> <ul style="list-style-type: none"> • Mono 5 year mechanical warranty • 25 year linear warranty to 84.8% power output • Maximum Power (Pmp) 325W • Maximum Operating Current (Imp) 10.19A • Maximum Operating Voltage (Vmp) 31.9V • Open Circuit Voltage (Voc) 38.85V • Short Circuit Current (Isc) 10.7A • Series Fuse 20A • Withstand high wind loads and snow loads (5400Pa) • Anti-reflective highly transparent, 3.2 mm low iron tempered glass • PERC Mono (110pcs) • 1640(H)*992(W)*35(D) <p>MOQ 2 pcs for shipping , 1 Pcs is ok for pickup</p> <p>Freight charges apply to Trade Accounts.</p> <p>Size: 1640x992x35mm Remarks:</p>
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SC1L	Solar Panel Cleaner 1L - Spray Bottle	<p>Brand: RV Tech</p> <p>RV Tech Solar Cleaner. Effectively removes bird droppings, dust, dirt, pollen, salt spray and more Anti Static protection resists buildup of dust. Restores photovoltaic efficiency to maximise solar panel output.</p> <p>Spray liberally on panel, leave for 1 -2 minutes , wash off with a wet sponge or hose.</p> <p>for best results wash panels when cooled.</p> <p>Size: 1 Litre Spray Bottle</p>
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h.2 Lithium Batterys

LI-12-200	12.8V 200AH Lithium Iron Phosphate Battery With BMS	Brand: RV Tech
	<p>Longer Cycle Life: Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.</p> <p>Lighter Weight: About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.</p> <p>Higher Power: Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.</p> <p>Nominal Voltage 12.8V Nominal Capacity 200 Ah Energy 2560Wh Cycle Life >2000 @ 1.0C 100% DOD Efficiency 97-99% Charge Voltage 14.6 +/- 0.2V Charger Current 50A Max Charge 100A Continuous Current 50A Max. Pulse Current 200A <3s Discharge Cut off 10V Weight 26.5 Kg SOC - LED & BT</p> <p>Size: 522*240*224mm Remarks: BMS System</p>	

LI-24-100	25.6V 100AH Lithium Iron Phosphate Battery With BMS	Brand: RV Tech
	<p>Longer Cycle Life: Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.</p> <p>Lighter Weight: About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.</p> <p>Higher Power: Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.</p> <p>Nominal Voltage 25.6V Nominal Capacity 100 Ah Energy 2560Wh Cycle Life >2000 @ 1.0C 100% DOD Efficiency 97-99% Charge Voltage 29.2 +/- 0.2V Charger Current 50A Max Charge 100A Continuous Current 50A Max. Pulse Current 100A <3s Discharge Cut off 21.6V Weight 26 Kg SOC - Options LED & BT Standard Terminals</p> <p>Size: 522 x 240 x 220mm Remarks: Plastic ABS Case</p>	

<p>LI-48-100-5U</p> 	<p>51.2V 100 AH Rack Mount (5U) Lithium Ion Battery System</p> <p>Increased energy in given space Easy installation and upscaling High operational reliability Optimized supervision strategy through remote control/diagnostic Excellent long life time Built-in intelligent BMS to protect the battery pack at any time and prolong its service life Standard Specs: Nominal Voltage - 51.2V Capacity @ 25deg c - 100A/H Charge Voltage Range 56.8-58.4V Max Discharge & Charge Current 100A Supports CAN Bus 2.0 / RS232 /RS485</p> <p>Size: 442 x 222 (5U) x 400mm Remarks: 47Kg - 5U Rack Mount</p>	<p>Brand: RV Tech</p>
<p>PW-51V-100AH</p> 	<p>51V-100AH - RVTECH Power Wall - Lithium Ion Battery</p> <p>RVTECH - power wall 51V - 100A/H - Designed for Victron 48 systems.</p> <p>500H Storage</p> <p>Data bus connect up to 64 battery's giving a whopping 320 KWH of storage Connected through the data bus makes the system work as one battery. Built in BMS , and BMS data Bus compatible with Victron BMS Front panel menu for viewing Capacity, remaining , temp , A/H , and current + more</p> <p>Contact us for bulk , or special builds / set ups.</p> <p>Also available in 200 A/H</p>	<p>Brand: RV Tech</p>
<p>RV-12-100</p> 	<p>RVTECH 120AH Lithium Iron Phosphate Battery / BMS</p> <p>Lithium Iron Phosphate Battery / LiFePO</p> <p>Built -in advanced BMS & active cell balancer. Automatic recovery from overcharge & overdischarge. 3 stage current, timing & temperature protection. Big capacity: 12.8V 120Ah 1536Wh. More than 3000 deep cycles. Nearly 4 times of lead acid batteries. Good performance in high or low temperatures. BlueTooth APP</p> <p>Certifications CE, MSDS, UN38.3, UN3480, IEC62619, EMC, RCM, ISO9001, RoHS</p> <p>Size: 342*173*212mm Remarks: BMS</p>	<p>Brand: RV Tech</p>
<p>RV-12-120</p> 	<p>RVTECH 120AH Lithium Iron Phosphate Battery / BMS</p> <p>Lithium Iron Phosphate Battery / LiFePO</p> <p>Built -in advanced BMS & active cell balancer. Automatic recovery from overcharge & overdischarge. 3 stage current, timing & temperature protection. Big capacity: 12.8V 120Ah 1536Wh. More than 3000 deep cycles. Nearly 4 times of lead acid batteries. Good performance in high or low temperatures. BlueTooth APP</p> <p>Certifications CE, MSDS, UN38.3, UN3480, IEC62619, EMC, RCM, ISO9001, RoHS</p> <p>Size: 260 x 170 x 212mm</p>	<p>Brand: RV Tech</p>

<p>RV-12-150</p> 	<p>RVTECH 150AH Lithium Iron Phosphate Battery / BMS</p> <p>Lithium Iron Phosphate Battery / LiFePO Brand: RV Tech</p> <p>Built -in advanced BMS & active cell balancer. Automatic recovery from overcharge & overdischarge. 3 stage current, timing & temperature protection. Big capacity: 12.8V 150Ah 1920Wh. More than 3000 deep cycles. Nearly 4 times of lead acid batteries. Good performance in high or low temperatures. BlueTooth APP</p> <p>Certifications CE, MSDS, UN38.3, UN3480, IEC62619, EMC, RCM, ISO9001, RoHS</p> <p>Size: 332 x 176 x 226mm</p>
<p>RV-12-200</p> 	<p>RVTECH 200AH Lithium Iron Phosphate Battery / BMS</p> <p>Lithium Iron Phosphate Battery / LiFePO Brand: RV Tech</p> <p>Built -in advanced BMS & active cell balancer. Automatic recovery from overcharge & overdischarge. 3 stage current, timing & temperature protection. Big capacity: 12.8V 200Ah 2560Wh. More than 3000 deep cycles. Nearly 4 times of lead acid batteries. Good performance in high or low temperatures. BlueTooth APP</p> <p>Certifications CE, MSDS, UN38.3, UN3480, IEC62619, EMC, RCM, ISO9001, RoHS</p> <p>Size: 345 x 190 x 245mm</p>
<p>RV-12-300</p> 	<p>RVTECH 300AH Lithium Iron Phosphate Battery / BMS</p> <p>Lithium Iron Phosphate Battery / LiFePO Brand: RV Tech</p> <p>Built -in advanced BMS & active cell balancer. Automatic recovery from overcharge & overdischarge. 3 stage current, timing & temperature protection. Big capacity: 12.8V 300Ah 3840Wh. More than 3000 deep cycles. Nearly 4 times of lead acid batteries. Good performance in high or low temperatures. BlueTooth APP</p> <p>Certifications CE, MSDS, UN38.3, UN3480, IEC62619, EMC, RCM, ISO9001, RoHS</p> <p>Size: 345 x 190 x 245mm</p>