

## H. Solar and Lithium

### SOLAR & LITHIUM



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### h.1 Solar Panels

#### PV100



#### 100W 12V Crystalline 850 x 670mm

- Mono 5 year mechanical warranty
- 25 year linear warranty to 70% power output
- Max.Power(Pmax)100Wp
- Maximum Operating Current(I<sub>m</sub>) 4.62A
- Maximum Operating Voltage 21.65V
- Open Circuit Voltage 26.79V
- Short Circuit Current 5.05A
- Series Fuse 15A
- Withstand high wind loads and snow loads (5400Pa)
- Anti-reflective highly transparent, low iron tempered glass
- Transmission rate 3.18%
- 850(H)\*670(W)\*30(D)

Brand: RV Tech

Freight charges apply to Trade Accounts.

Size: 850x670x30

Remarks: 100W

#### PV175



#### 175W 12V Crystalline Panel

- Mono 5 year mechanical warranty
- 25 year linear warranty to 70% power output
- Max.Power(Pmax)175Wp
- Maximum Operating Current(I<sub>m</sub>) 8.97A
- Maximum Operating Voltage 19.5V
- Open Circuit Voltage 23.51V
- Short Circuit Current 9.15A
- Series Fuse 15A
- Withstand high wind loads and snow loads (5400Pa)
- Anti-reflective highly transparent, low iron tempered glass
- Transmission rate 3.18%
- 1485(H)\*675(W)\*30(D)
- Super Slime Line Panel

Brand: RV Tech

Freight charges apply to Trade Accounts.

Size: 675 x 1485 x 30

Remarks: 175W

#### PV290



#### 290W 24V Mono Crystalline Panel

- Mono 5 year mechanical warranty
- 25 year linear warranty to 70% power output
- Max.Power(Pmax)290Wp
- Maximum Operating Current(I<sub>m</sub>) 8.91A
- Maximum Operating Voltage 32.55V
- Open Circuit Voltage 39.50V
- Short Circuit Current 9.20A
- Series Fuse 15A
- Withstand high wind loads and snow loads (5400Pa)
- Anti-reflective highly transparent, low iron tempered glass
- Transmission rate 3.18%
- 1645(H)\*995(W)\*40(D)

Brand: RV Tech

Freight charges apply to Trade Accounts.

Size: 995x1645x40mm

Remarks: 290W

### PV345

### 345W Mono Solar Panel 36V



- Mono 5 year mechanical warranty
- 25 year linear warranty to 70% power output
- Max.Power(Pmax)345Wp
- Maximum Operating Current(I<sub>m</sub>) 8.88A
- Maximum Operating Voltage 38.94V
- Open Circuit Voltage 46.80V
- Short Circuit Current 9.34A
- Series Fuse 15A
- Withstand high wind loads and snow loads (5400Pa)
- Anti-reflective highly transparent, low iron tempered glass
- Transmission rate 3.18%
- 1960(H)\*990(W)\*40(D)

**Brand:** RV Tech

Freight charges apply to Trade Accounts.

**Size:** 990x1960x40mm

**Remarks:** 345W

## h.2 Lithium Batterys

### LI-12-100BMS

### 12V 100AH Lithium Iron Phosphate Battery With BMS-BT



**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.

**Lighter Weight:** About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.

**Higher Power:** Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.

**Brand:** RV Tech

Nominal Voltage 12.8V  
 Nominal Capacity 100 Ah  
 Energy 1280Wh  
 Cycle Life >5000 @ 0.5C 50% DOD  
 Efficiency 97-99%  
 Charge Voltage 14.6 +- 0.2V  
 Charger Current 25A  
 Max Charge 50A  
 Continuous Current 50A  
 Max. Pulse Current 100A <1s  
 Discharge Cut off 10V  
 Weight 11.6 Kg

**Size:** 342\*173\*212mm

**Remarks:** Bluetooth & BMS

### LI-12-150BMS

### 12V 150AH Lithium Iron Phosphate Battery With BMS-BT



**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.

**Lighter Weight:** About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.

**Higher Power:** Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.

Nominal Voltage 12.8V  
 Nominal Capacity 150 Ah  
 Energy 1920Wh  
 Cycle Life >5000 @ 0.5C 50% DOD  
 Efficiency 97-99%  
 Charge Voltage 14.6 +/- 0.2V  
 Charger Current 25A  
 Max Charge 50A  
 Continuous Current 50A  
 Max. Pulse Current 100A <1s  
 Discharge Cut off 10V  
 Weight TBA

### LI-12-200BMS

### 12V 200AH Lithium Iron Phosphate Battery With BMS-BT

**Brand:** RV Tech



**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.

**Lighter Weight:** About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.

**Higher Power:** Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.

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

**Size:** 522\*240\*224mm

**Remarks:** BMS system and Bluetooth

### LI-24-100BMS

### 24V 100AH Lithium Iron Phosphate Battery With BMS-BT

**Brand:** RV Tech

**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.

**Lighter Weight:** About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.

**Higher Power:** Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.



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

**Size:** 522 x 240 x 220mm **Remarks:** Plastic ABS Case

### LI-48-100-5U

### 48V 100 AH 5U rack-mount lithium-ion battery system

**Brand:** RV Tech

RVTECH - 5RU Rack Mount Battery - Designed for Victron 48 systems.  
Data bus connect up to 64 battery's giving a whopping 307 KWH of storage  
Connected through the data bus makes the system work as one battery.  
Bult in BMS , and BMS data Bus compatible with Victron BMS  
Front panel menu for viewing Capacity, remaining , temp , A/H , and current + more



Contact us for bulk , or special builds / set ups

**Size:** 442 x 222 (5U) x 400mm **Remarks:** 47Kg - 5U Rack Mount

### PW-51V-100AH

### 51V-100AH - 5000WH Power Wall Lithium Ion Battery

**Brand:** RV Tech

RVTECH - power wall 51V - 100A/H - Designed for Victron 48 systems.  
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.  
Bult in BMS , and BMS data Bus compatible with Victron BMS  
Front panel menu for viewing Capacity, remaining , temp , A/H , and current + more



Contact us for bulk , or special builds / set ups.  
Also availbale in 200 A/H