

Sun Xtender PVX-5340T

Solar Battery Manufactured by: Concorde Battery Corporation



Description of Solar Battery:

VRLA-AGM Deep Cycle Battery for Off Grid and Grid Tied Systems.

Sun Xtender pioneered renewable energy storage batteries for Off Grid and Grid Tied Systems.

Since 1987, Sun Xtender has been designing valve regulated lead acid batteries with AGM construction (VRLA-AGM). The non-spillable construction allows the battery to be used upright or on its end or side and the maintenance free AGM design means no water replenishment ever.

Utilizing pure lead calcium grids, the plates are thicker than the industry standard for longer cycle life, increased reliability and power. The low impedance AGM design allows for excellent charge acceptance and there is no current limit required with controlled voltage charging.

The Sun Xtender product line features proprietary PolyGuard™ Microporous Polyethylene Separators, shielding the positive plates against shorting, shock or vibration. No other manufacturers offer this dual layer insulation protection feature.

Sun Xtender battery covers and containers are uniquely molded with high impact, reinforced copolymer polypropylene and are designed with thick end walls to prevent bulging. The copper alloy T Terminals are corrosion resistant and are supplied with silicon bronze bolts and washers.

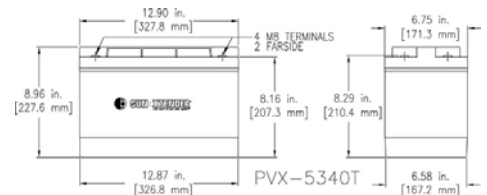
All Sun Xtender Batteries ship Hazmat Exempt.

See the Sun Xtender Battery Technical Manual for details on applications and specifications.

PVX-5340T is used for such applications as Cathodic Protection, Grid Tied & Off Grid Homes, SCADA, Medical Refrigeration Clinics, Power for Remote Areas / Developing Nations, Microwave Earth / Satellite Stations.

Renewable Energy Battery Applications

- Cathodic Protection Systems
- Grid Tied Solar Homes
- Off Grid Homes
- SCADA (Supervisory Control & Data Acquisition) Systems
- Microwave & Earth Satellite Communications Stations



PVX-5340T

Voltage		2v					
Battery Series		2 Volt Sun Xtender Series					
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 Volts per cell - 24 Hour Rate		534 Ah					
Weight		62 lb / 28.2 kg					
Sun Xtender® Solar Battery Part Number	Length		Width		Height		
	in	mm	in	mm	in	mm	
PVX-5340T	12.90	327.8	6.75	171.3	8.96	227.6	
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 volts per							

cell							
1 Hr Rate	2 Hr Rate	4 Hr Rate	8 Hr Rate	24 Hr Rate	48 Hr Rate	72 Hr Rate	120 Hr Rate
330 Ah	420 Ah	432 Ah	474 Ah	534 Ah	570 Ah	591 Ah	612 Ah

Specifications subject to change without notice.