

Sun Xtender PVX-420T

Solar Battery Manufactured by: Concorde Battery Corporation

Description of Solar Battery:

Sun Xtender pioneered renewable energy storage batteries for Off Grid and Grid Tied Solar and Wind Systems as well as back up power for essential appliances and machines such as cash registers, computers, and telephony. PVX-420T is a deep cycle battery with AGM construction.

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 complete 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 SunXtender Batteries ship Hazmat Exempt.

Power when you need it! Applications for PVX-420T solar batteries include Uninterruptible Power Supply, Aids to Navigation (sea & air), Traffic Warning Signals (example: School Crossing Ahead) and portable construction light signs, Telemetry RTU Monitoring, Parking Lot Lighting.

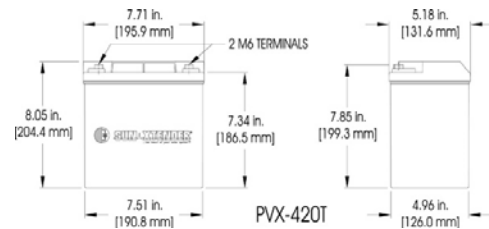
PVX-420T

Voltage	12v
Battery Series	12 Volt Sun Xtender Series
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 Volts per cell - 24 Hour Rate	42 Ah
Weight	30 lb / 13.6 kg



Renewable Energy Battery Applications

- Marine & Aviation Aids to Navigation (ATN)
- Telemetry RTU Monitoring
- Safety Warning Signals
- Runway & Taxiway Lighting



Sun Xtender® Solar Battery Part Number	Length		Width		Height		
	in	mm	in	mm	in	mm	
PVX-420T	7.71	196	5.18	132	8.05	204	
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
26 Ah	33 Ah	34 Ah	36 Ah	42 Ah	43 Ah	43 Ah	45 Ah

Specifications subject to change without notice.