



SUN XTENDER BATTERIES
 A Division of Concorde Battery Corp.
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Company Info

PVX-420T Solar Battery

Manufactured by Concorde Battery Corporation

Description of Solar Battery:

Recombinant gas Sun Xtender® Series solar batteries are low resistance, valve regulated lead acid (VRLA) batteries.

- Designed for photovoltaic applications for superior & reliable solar power
- Low impedance design
- Maintenance free
- Constructed with non removable vent valves – no addition of electrolyte or water required
- Non spillable in any attitude
- Shipped fully charged and ready to install
- Manufactured with absorbed glass mat separators (AGM)
- Sun Xtender® Series batteries ship non-HAZMAT

Applications for PVX-420T solar batteries include Aids to Navigation (sea & air), Traffic Warning Signals (example: School Crossing Ahead), Telemetry RTU's Monitoring, Parking Lot Lighting.

PVX-420T

Voltage	12v						
Battery Series	<u>12 Volt Sun Xtender Series</u>						
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						
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



[Enlarge Solar Battery](#)

[Battery Outline Drawings \(PDF\)](#)

[Battery Sizing Tips \(PDF\)](#)

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Renewable Energy Battery Applications

[Marine & Aviation Aids to Navigation \(ATN\)](#)

[Telemetry RTU Monitoring](#)

[Safety Warning Signals](#)

[Runway & Taxiway Lighting](#)

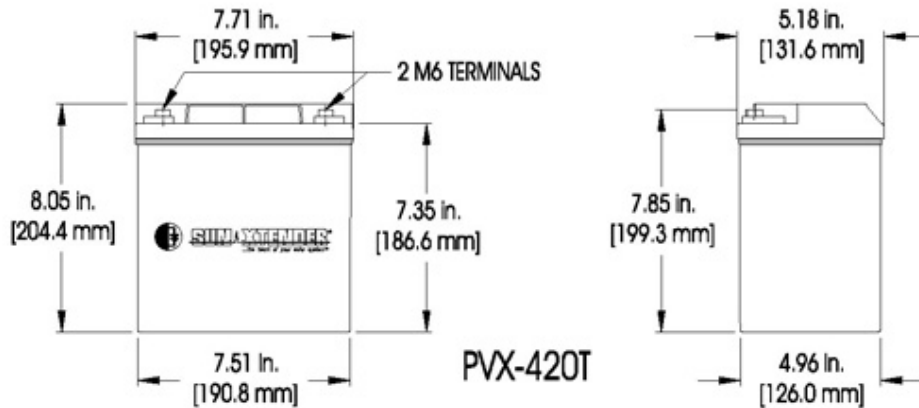


The Sun Xtender Difference

- [Solar Battery Comparison Overview](#)
- [AGM Battery Technology vs Gel Cell Batteries](#)
- [AGM Battery Technology vs Flooded \(Wet\) Solar Batteries](#)

- [SunXtender Solar Battery Dissected \(PDF\)](#)
- [Sun Xtender Technical Briefing - SOC, OCV, & DOD](#)
- [Literature Manuals and Technical Information](#)

Specifications subject to change without notice.



The data/information contained in the Sun Xtender official website has been reviewed and approved for general release on the basis that these documents contain no export-controlled information.

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Sun Xtender Battery Produces the Highest Quality Solar Batteries,
 Renewable Energy Storage Batteries, Photovoltaic Batteries, & AGM Batteries

