



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

PVX-840T 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
- "T" terminals are copper alloy with silicon bronze bolts, nuts, & washers
- 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

PVX-840T Applications include Street & Bus Stop Lighting, Cathodic Protection.



[Enlarge Solar Battery](#)

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

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

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Renewable Energy Battery Applications

[Area Lighting: Street, Parking Lot, Transit Shelter Solar Security Lighting](#)
[Cathodic Protection Systems](#)

PVX-840T

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	84 Ah
Weight	57 lb / 25.9 kg

Sun Xtender® Solar Battery Part Number	Length		Width		Height	
	in	mm	in	mm	in	mm
PVX-840T	10.22	259	6.60	168	8.93	227

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
52 Ah	66 Ah	68 Ah	74 Ah	84 Ah	90 Ah	94 Ah	97 Ah

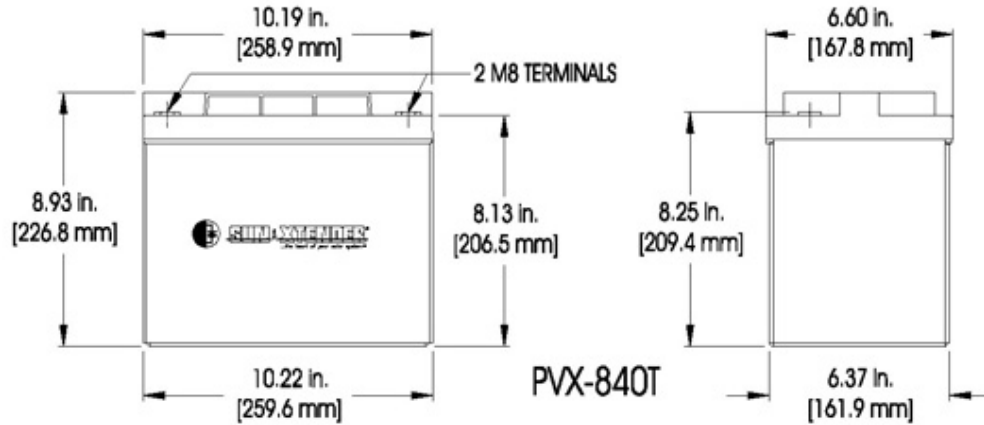


The Sun Xtender Difference

- [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



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