



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

PVX-1040T 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-1040T is used for applications such as Street & Bus Stop Lighting, Cathodic Protection, Grid Tied & Off Grid Homes, 2-Way Radio Repeaters, SCADA, Navigational Aids, Medical Refrigeration Clinics & Power for Remote Areas / Developing Nations.

PVX-1040T

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	104 Ah						
Weight	66 lb / 30.0 kg						
Sun Xtender® Solar Battery Part Number	Length		Width		Height		
	in	mm	in	mm	in	mm	
PVX-1040T	12.00	304	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
65 Ah	82 Ah	85 Ah	93 Ah	104 Ah	112 Ah	116 Ah	120 Ah



[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](#)
[Grid Tied Solar Homes](#)
[Off Grid Homes](#)
[Solar Powered 2 Way Radio Repeaters](#)
[SCADA \(Supervisory Control & Data Acquisition\) Systems](#)
[Marine & Aviation Aids to Navigation \(ATN\)](#)
[Medical Refrigeration, Hospital Clinics](#)
[Runway & Taxiway Lighting](#)

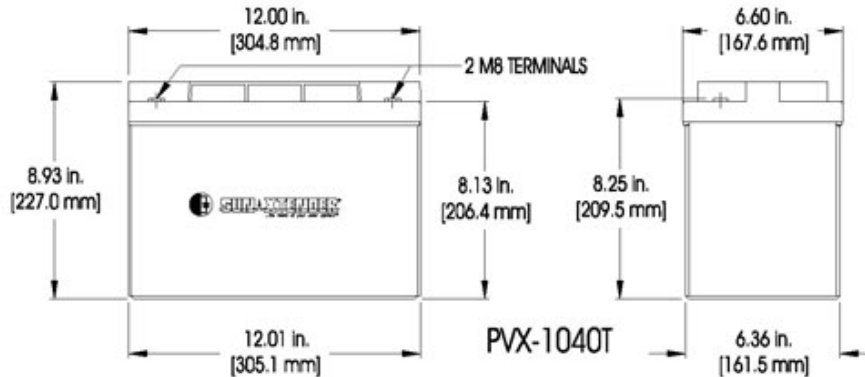


The Sun Xtender Difference

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

- [Sun Xtender 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

