



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

PVX-3050T 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
- No addition of electrolyte or water required
- Will not spill electrolyte in any attitude
- Shipped fully charged and ready to install
- Manufactured with absorbed glass mat separators (AGM)
- Sun Xtender® Series batteries ship non-HAZMAT



[Enlarge Solar Battery](#)

[Battery Outline Drawings \(PDF\)](#)
[Battery Sizing Tips \(PDF\)](#)
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Renewable Energy Battery Applications

[Off Grid Homes](#)
[Area Lighting: Street, Parking Lot, Transit Shelter](#)
[Solar Security Lighting](#)
[Arrow & Message Boards for Highway Traffic Control](#)
[Employing Solar Modules](#)
[Grid Tied Solar Homes](#)
[SCADA \(Supervisory Control & Data Acquisition\) Systems](#)

PVX-3050T

Voltage	6v
Battery Series	<u>6 Volt Sun Xtender Series</u>
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 Volts per cell - 24 Hour Rate	305 Ah
Weight	91 lb / 41.3 kg

Sun Xtender® Solar Battery Part Number	Length		Width		Height	
	in	mm	in	mm	in	mm
PVX-3050T	10.28	261	7.06	179	13.02	330

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
190 Ah	205 Ah	270 Ah	280 Ah	305 Ah	Ah	Ah	Ah

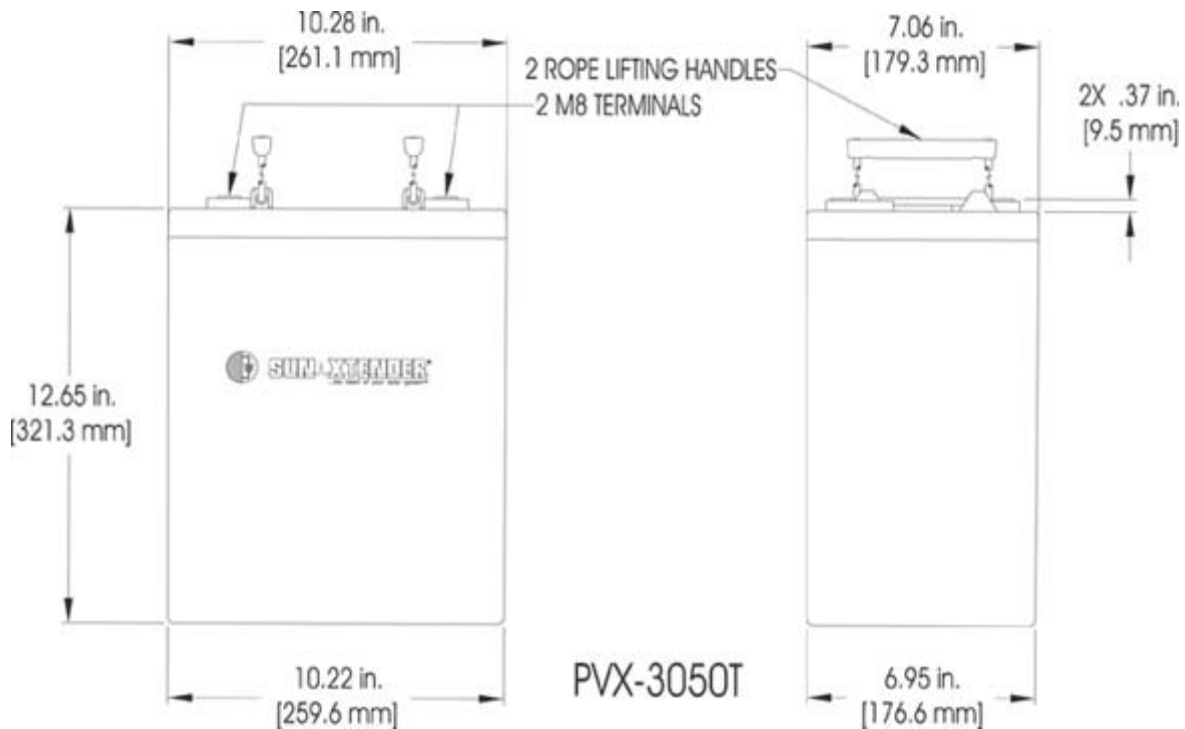


The Sun Xtender Difference

- [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

