



SUN XTENDER BATTERIES
 A Division of Concorde Battery Corp.
 2009 San Bernardino Road
 West Covina, CA 91790
 Tel. (626) 813-1234
 Fax. (626) 813-1235



Company Info

PVX-5040T 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



[Enlarge Solar Battery](#)

[Battery Outline Drawings \(PDF\)](#)
[Battery Sizing Tips \(PDF\)](#)
[Click For Printable Page](#)

PVX-5040T

Voltage	2v
Battery Series	<u>2 Volt Sun Xtender Series</u>
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 Volts per cell - 24 Hour Rate	504 Ah
Weight	57 lb / 25.9 kg

Sun Xtender® Solar Battery Part Number	Length		Width		Height	
	in	mm	in	mm	in	mm
PVX-5040T	10.21	259	6.60	167	8.93	226

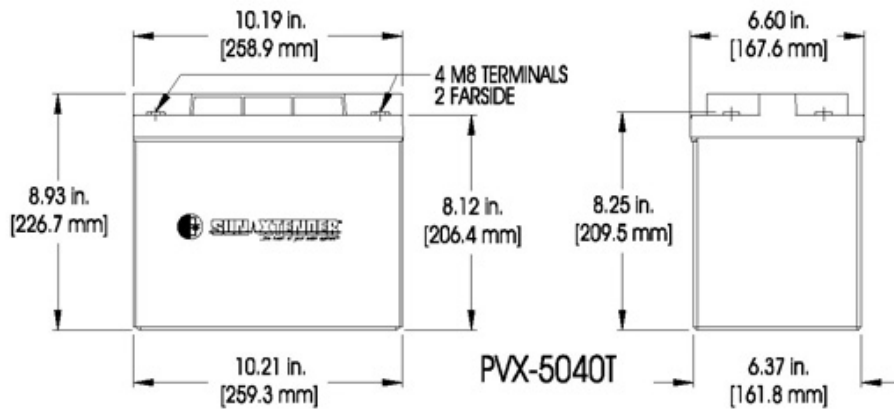
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 volts per cell							
1 Hr Rate	2 Hr Rate	4 Hr Rate	8 Hr Rate	24 Hr Rate	48 Hr Rate	72 Hr Rate	120 Hr Rate
312 Ah	396 Ah	408 Ah	444 Ah	504 Ah	540 Ah	561 Ah	582 Ah



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.

[Home Page](#) | [Sun Xtender Batteries](#) | [Battery Applications](#) | [Sun Xtender 2V / 6V / 12V Battery Series](#)
[Battery Distributors](#) | [MSDS](#) | [About Sun Xtender](#) | [Contact Sun Xtender](#) | [Solar Energy Sitemap](#) | [Press Releases](#) | [AS 9100 REV. B:2004 & ISO 9001:2000 \(pdf\)](#) | [Renewable Energy Directory](#) | [Employment Opportunities](#)

All Rights Reserved. © 1996-2008
 Built by Broomfield Designers Hosted at Broomfield-Designers.com
 Sun Xtender Battery Produces the Highest Quality Solar Batteries,
 Renewable Energy Storage Batteries, Photovoltaic Batteries, & AGM Batteries

