



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-2580L 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
- "L" blade terminals are heavy duty copper with silicon bronze bolts, washers & nuts
- 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-2580L is used for applications such as Traffic Arrow / Message Boards, Cathodic Protection, Grid Tied & Off Grid Homes, 2-Way Radio Repeaters, SCADA, Navigational Aids, Medical Refrigeration Clinics & Power for Remote Areas / Developing Nations, Microwave Earth / Satellite Stations, Parking Lot Lighting.

PVX-2580L

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	258 Ah
Weight	165 lb / 75 kg

Sun Xtender® Solar Battery Part Number	Length		Width		Height	
	in	mm	in	mm	in	mm
PVX-2580L	20.76	527	10.89	277	9.77	248

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
165 Ah	209 Ah	214 Ah	236 Ah	258 Ah	285 Ah	295 Ah	305 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](#)



[Enlarge Solar Battery](#)

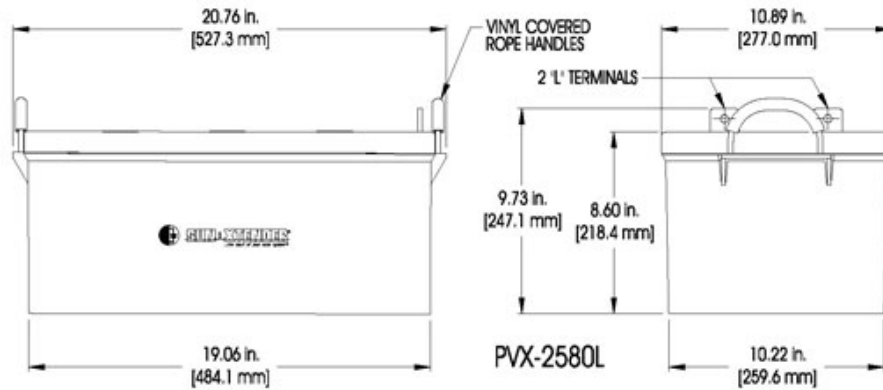
[Battery Outline Drawings \(PDF\)](#)
[Battery Sizing Tips \(PDF\)](#)
[Click For Printable Page](#)

Renewable Energy Battery Applications

- [Arrow & Message Boards for Highway Traffic Control Employing Solar Modules](#)
- [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 \(ATN\)](#)
- [Microwave & Earth Satellite Communications Stations](#)
- [Medical Refrigeration, Hospital Clinics](#)
- [Runway & Taxiway Lighting](#)



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



(800) 967-6917
www.dcpower-systems.com