



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

PVX-2120L 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-2120L is used for applications such as Traffic Arrow / Message Boards, Cathodic Protection, Grid Tied & Off Grid Homes, 2-Way Radio Repeaters, SCADA, Medical Refrigeration Clinics & Power for Remote Areas / Developing Nations, Microwave Earth / Satellite Stations, Parking Lot Lighting.

PVX-2120L

Voltage	12v						
Battery Series	12 Volt Sun Xtender Series						
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 Volts per cell - 24 Hour Rate	212 Ah						
Weight	138 lb / 62.7 kg						
Sun Xtender® Solar Battery Part Number	Length		Width		Height		
	in	mm	in	mm	in	mm	
PVX-2120L	20.76	527	8.70	221	9.76	247	
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
136 Ah	172 Ah	176 Ah	194 Ah	212 Ah	235 Ah	244 Ah	253 Ah



[Enlarge Solar Battery](#)

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

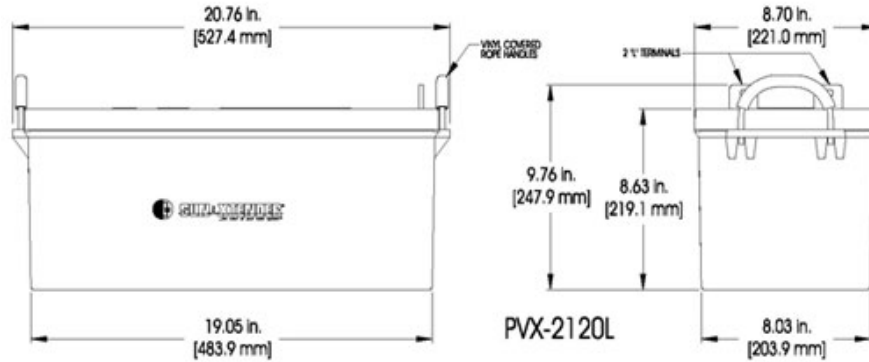
- [Arrow & Message Boards for Highway Traffic Control Employing Solar Modules](#)
- [Cathodic Protection Systems](#)
- [Grid Tied Solar Homes](#)
- [Off Grid Homes](#)
- [Solar Powered 2 Way Radio Repeaters](#)
- [SCADA \(Supervisory Control & Data Acquisition\) Systems](#)
- [Microwave & Earth Satellite Communications Stations](#)
- [Medical Refrigeration, Hospital Clinics](#)



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

