



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

PVX-2240T 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-2240T is used for applications such as Street & Bus Stop Lighting, 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, Parking Lot Lighting.

PVX-2240T

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	224 Ah
Weight	67 lb / 30.4 kg

Sun Xtender® Solar Battery Part Number	Length		Width		Height	
	in	mm	in	mm	in	mm
PVX-2240T	10.28	261	7.06	179	10.0	254

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
143 Ah	180 Ah	185 Ah	204 Ah	224 Ah	246 Ah	256 Ah	263 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 \(PDF\)](#)



[Enlarge Solar Battery](#)

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

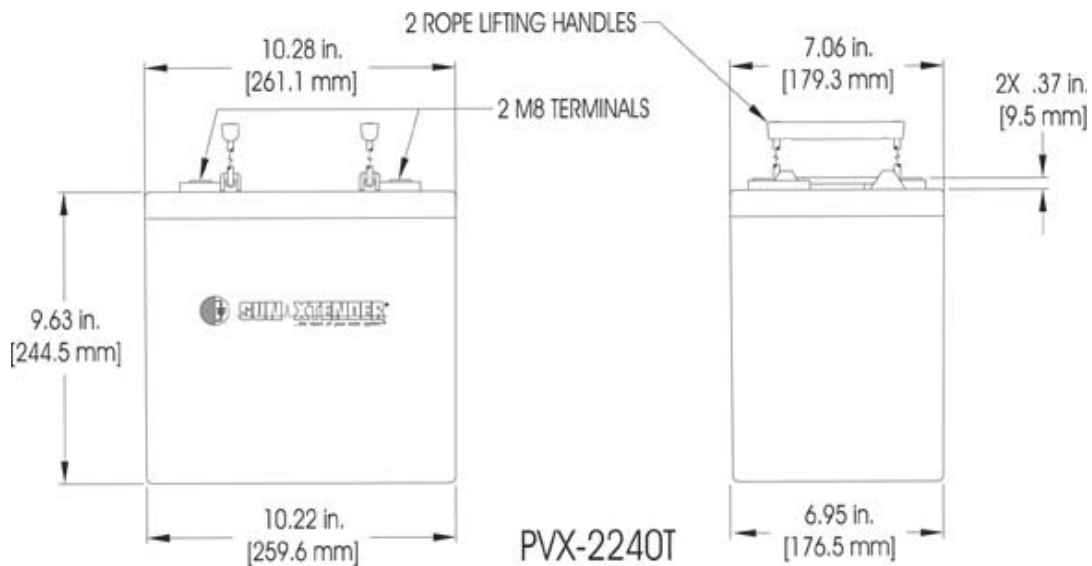
Renewable Energy Battery Applications

- [Area Lighting: Street, Parking Lot, Transit Shelter Solar Security Lighting](#)
- [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](#)
- [Medical Refrigeration, Hospital Clinics](#)



- [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

