



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

# PVX-490T 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-490T Applications include Telemetry RTU's Monitoring, Traffic Warning Signals, and Parking Lot Lighting.

### PVX-490T

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	49 Ah
Weight	36 lb / 16.4 kg

Sun Xtender® Solar Battery Part Number	Length		Width		Height	
	in	mm	in	mm	in	mm
PVX-490T	8.99	228	5.45	138	8.82	224

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
31 Ah	39 Ah	40 Ah	43 Ah	49 Ah	52 Ah	54 Ah	55 Ah

### The Sun Xtender Difference

- [Solar Battery Comparison Overview](#)
- [AGM Battery Technology vs Gel Cell Batteries](#)



[Enlarge Solar Battery](#)

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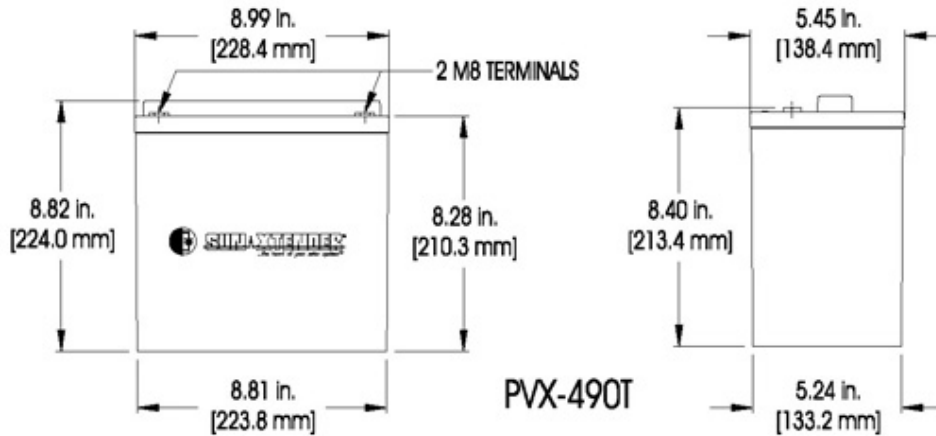
### Renewable Energy Battery Applications

[Telemetry RTU Monitoring](#)  
[Safety Warning Signals](#)



- [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

