

Sun Xtender PVX-490T

Solar Battery Manufactured by: Concorde Battery Corporation

Description of Solar Battery:

VRLA-AGM Deep Cycle Battery for Off Grid and Grid Tied Systems.

Sun Xtender batteries provide safe, reliable and long lasting power. Environmentally friendly, there is no exposed lead on Sun Xtender batteries and they are 100 percent recyclable. Sustainable, Clean, Renewable Energy Storage.

Since 1987, Sun Xtender solar batteries have been hand crafted for quality in the U.S.A. Valve regulated lead acid batteries with AGM construction (VRLA-AGM). The non-spillable construction prohibits any electrolyte leaking or spewing, allowing the battery to be used upright or on its end or side. The maintenance free AGM design means no water replenishment ever.

Utilizing pure lead calcium grids, the plates are thicker than the industry standard for longer cycle life, increased reliability and power. The low impedance AGM design allows for excellent charge acceptance and there is no current limit required with controlled voltage charging.

The Sun Xtender Battery product line features proprietary PolyGuard™ Microporous Polyethylene Separators, shielding the positive plates against shorting, shock or vibration. No other manufacturers offer this dual layer insulation protection feature.

Sun Xtender Battery covers and containers are uniquely molded with high impact, reinforced copolymer polypropylene and are designed with thick end walls to prevent bulging. The copper alloy T Terminals are corrosion resistant and are supplied with silicon bronze bolts and washers.

All Sun Xtender Batteries ship Hazmat Exempt.

PVX-490T Applications include Telemetry RTU Monitoring, Traffic Warning Signals, and Parking Lot Lighting.

See the Sun Xtender Battery Technical Manual for details.

PVX-490T

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		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

Specifications subject to change without notice.

