

# Sun Xtender PVX-6480T

## 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 pioneered renewable energy storage batteries for Off Grid and Grid Tied Systems.

Since 1987, Sun Xtender has been designing valve regulated lead acid batteries with AGM construction (VRLA-AGM). The non-spillable construction allows the battery to be used upright or on its end or side and 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 product line features proprietary PolyGuard™ Microporous Polyethylene Separators, shielding the positive plates against shorting, shock or vibration. No other manufacturer offers this dual layer insulation with its effective 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.

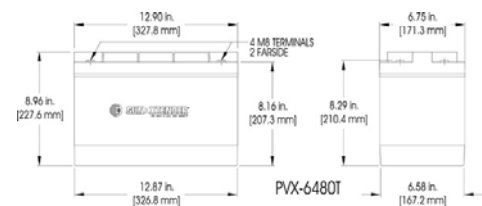
All SunXtender Batteries ship Hazmat Exempt.

See the Sun Xtender Battery Technical Manual for details on applications and specifications.

PVX-6480T applications include Traffic Arrow / Message Boards, Cathodic Protection, Grid Tied & Off Grid Homes, SCADA, Medical Refrigeration Clinics, Power for Remote Areas / Developing Nations, Microwave Earth / Satellite Stations, Parking Lot Lighting.

### Renewable Energy Battery Applications

- Arrow & Message Boards for Highway Traffic Control Employing Solar Modules
- Cathodic Protection Systems
- Grid Tied Solar Homes
- Off Grid Homes
- SCADA (Supervisory Control & Data Acquisition) Systems
- Microwave & Earth Satellite Communications Stations



### PVX-6480T

Voltage	2v					
Battery Series	<a href="#">2 Volt Sun Xtender Series</a>					
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 Volts per cell - 24 Hour Rate	648 Ah					
Weight	70 lb / 31.8 kg					
Sun Xtender® Solar Battery Part Number	Length		Width		Height	
	in	mm	in	mm	in	mm
PVX-6480T	12.90	327.8	6.75	171.3	9.62	244.8
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
408 Ah	516 Ah	528 Ah	582 Ah	648 Ah	708 Ah	732 Ah	756 Ah

Specifications subject to change without notice.