

Sun Xtender PVX-2580L

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-2580L is used for applications such as Traffic Arrow / Message Boards, Cathodic Protection, Gried Tied & Off Grid Homes, 2-Way Radio Repeaters, SCADA, Navigational Aids, Medical Refrigeration Clinics & Power for Remote Areas / Developing Nations, Microwave Earth / Satellite Stations, Parking Lot Lighting.

PVX-2580L

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		258 Ah					
Weight		165 lb / 75 kg					
Sun Xtender® Solar Battery Part Number	Length		Width		Height		
	in	mm	in	mm	in	mm	
PVX-2580L	20.76	527	10.89	277	9.77	248	
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
165 Ah	209 Ah	214 Ah	236 Ah	258 Ah	285 Ah	295 Ah	305 Ah

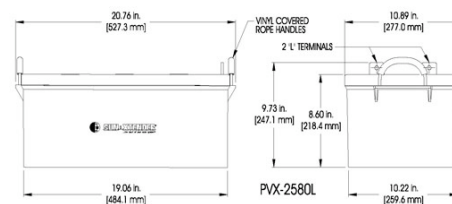
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[Battery Outline Drawings \(PDF\)](#)

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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](#)
- [Marine & Aviation Aids to Navigation \(ATN\)](#)
- [Microwave & Earth Satellite Communications Stations](#)
- [Medical Refrigeration, Hospital Clinics](#)
- [Runway & Taxiway Lighting](#)



Specifications subject to change without notice.