

# **Sun Xtender PVX-1040HT**

## **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 Battery has been designing 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 whole 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.

**HAZMAT EXEMPT Shipping!**

PVX-1040HT has a handle for easy transport. PVX-1040HT is used for applications such as Solar Battery Energy Storage for Street & Bus Stop Lighting, back up power Cathodic Protection, Solar Energy Grid Tied & Off Grid Homes, 2-Way Radio Repeaters, SCADA, Navigational Aids, Medical Refrigeration Clinics & Power for Remote Areas / Developing Nations.

**PVX-1040HT**

Voltage		12v					
Battery Series		<a href="#">12 Volt Sun Xtender Series</a>					
Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 Volts per cell - 24 Hour Rate		104 Ah					
Weight		63 lb / 28.6 kg					
Sun Xtender® Solar Battery Part Number	Length		Width		Height		
	in	mm	in	mm	in	mm	
PVX-1040HT	13.12	333	6.60	168	8.93	227	
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
65 Ah	82 Ah	85 Ah	93 Ah	104 Ah	112 Ah	116 Ah	120 Ah

Specifications subject to change without notice.

