



Concorde Sun-Xtender Battery

Concorde

Concorde – Sun-Xtender VRLA-AGM

Sun-Xtender batteries are absorbed glass matt (AGM) sealed, maintenance free, valve-regulated, lead-calcium alloy batteries designed for deep-cycle PV applications. These batteries feature immobilized, non-spillable electrolyte in AGM microporous sun glass separators. The T series feature copper alloy M8 terminals except on the PVX 340T & 420T which are M6. The L series feature heavy-duty “L” blade terminals. Both are designed for heavy duty, high current capacities. Sun-Xtenders have a wide range of operating temperatures from -40°F (-40°C) to 160°F (72°C) as well as low self-discharge of approximately 1% per month at 77°F (25°C). All include 5/16” silicon bronze bolts for connection except the PVX340T and 420T which include 1/4” bolts. “Non-spillable batteries” for transport-complies with DOT HMR49 Non-hazardous materials. UL recognized system component. Limited two-year warranty. Battery racks available, call for information.

Full charge termination voltage (@ 25C) = 14.40vDC, float charge at 13.4vDC
 Temperature compensation +/- 3.75mv per cell/C degrees @ 25C, from (0C to 40C)

Expected life cycles versus depth of discharge (DOD) @ 1-hour rate/25°C (77°F):

- 5200 @ 10% DOD
- 1850 @ 30% DOD
- 1050 @ 50% DOD

NEW Model Number	OLD Model Number	Voltage	AH Capacity @ C/120	Dimensions	Unit Weight (lbs)	MSRP
PVX-340T	(PVX-1234T)	12 V	38	7.71" x 5.18" x 6.89"	25	\$83.00
PVX-420T	(PVX-1240T)	12 V	45	7.71" x 5.18" x 8.46"	30	\$106.00
PVX-490T	(PVX-1248T)	12 V	55	8.99 x 5.45 x 8.82	31	\$116.00
PVX-560T	(PVX-1255T)	12 V	63	8.99 x 5.45 x 8.82	36	\$124.00
PVX-690T	(PVX-1265T)	12 V	79	10.22 x 6.60 x 8.93	51	\$155.00
PVX-890T	(PVX1285T)	12 V	102	12.90" x 6.75" x 8.96"	62	\$189.00
PVX-1040T	(PVX-12100T)	12 V	120	12.00" x 6.77" x 8.93"	66	\$202.00
PVX-1080T	(PVX-12105T)	12 V	126	12.90" x 6.75" x 8.96"	69	\$211.00
PVX-2120L*	(PVX-12210L)	12 V	253	20.75" x 8.71" x 10.66"	138	\$413.00
PVX-2580L*	(PVX-12255L)	12 V	305	20.72" x 10.94" x 10.23"	165	\$489.00

* rope handles