



SUN XTENDER BATTERIES
 A Division of Concorde Battery Corp.
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Company Info

PVX-1380T 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
- "T" terminals are copper alloy with silicon bronze bolts, nuts, & washers
- 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



[Enlarge Solar Battery](#)

[Battery Outline Drawings \(PDF\)](#)
[Battery Sizing Tips \(PDF\)](#)
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PVX-1380T

| | |
|---|---|
| Voltage | 6v |
| Battery Series | 6 Volt Sun Xtender Series |
| Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 Volts per cell - 24 Hour Rate | 138 Ah |
| Weight | 51 lb / 23.2 kg |

| Sun Xtender® Solar Battery Part Number | Length | | Width | | Height | |
|--|--------|-----|-------|-----|--------|-----|
| | in | mm | in | mm | in | mm |
| PVX-1380T | 10.21 | 259 | 6.60 | 167 | 8.92 | 226 |

Nominal Capacity Ampere Hours @ 25° C (77° F) to 1.75 volts per cell

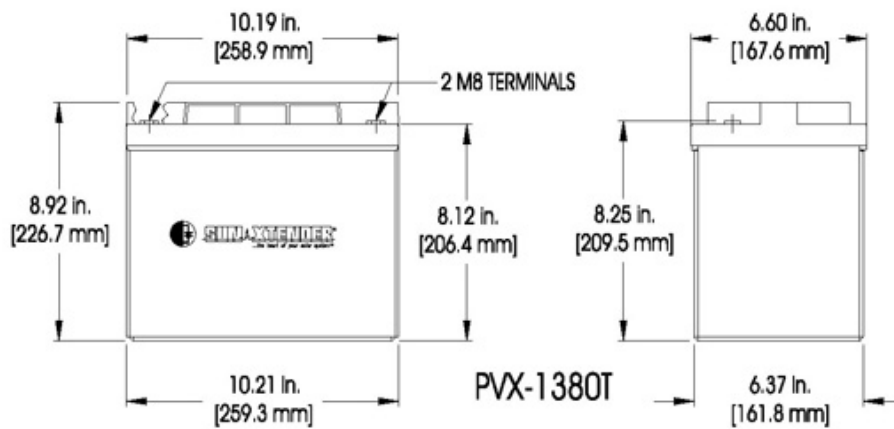
| 1 Hr Rate | 2 Hr Rate | 4 Hr Rate | 8 Hr Rate | 24 Hr Rate | 48 Hr Rate | 72 Hr Rate | 120 Hr Rate |
|-----------|-----------|-----------|-----------|------------|------------|------------|-------------|
| 84 Ah | 106 Ah | 110 Ah | 120 Ah | 138 Ah | 146 Ah | 151 Ah | 158 Ah |



The Sun Xtender Difference

- [Solar Battery Comparison Overview](#)
- [AGM Battery Technology vs Gel Cell Batteries](#)
- [AGM Battery Technology vs Flooded \(Wet\) Solar Batteries](#)
- [SunXtender Solar Battery Dissected \(PDF\)](#)
- [Sun Xtender Technical Briefing - SOC, OCV, & DOD](#)
- [Literature Manuals and Technical Information](#)

Specifications subject to change without notice.



The data/information contained in the Sun Xtender official website has been reviewed and approved for general release on the basis that these documents contain no export-controlled information.

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Sun Xtender Battery Produces the Highest Quality Solar Batteries,
 Renewable Energy Storage Batteries, Photovoltaic Batteries, & AGM Batteries



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