

# VALEN 12V160WHR SOLAR PACKAGE KP09276

The Valen Solar Packages provide a streamlined plug and play system to improve procurement time and on-site efficiency.

The Valen Solar Packages have been developed to simplify solar installations and provide off-shelf solutions, including;

- Battery technology used is recommended for solar applications, providing longer design life than other battery technologies.
- Quality solar panels, which are sized appropriately to recharge your batteries after several 'grey' days.
- Simple to install Solar Bracket, which can be mounted on an extensive range of pole sizes.
- Solar brackets are wind certificated which reduces your liability and risk.
- Victron controllers which are easy to program and able to be connected to via Bluetooth as an upgrade option



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## SOLAR PANEL PACKAGE



### Package Includes

- 1 x Valen X-CEL 12V14Ah Battery
- 1x Valen 40W Solar Panel (785 L x 350 W x 35H)
- 1x Small Solar Bracket
- 1x Victron Bluesolar Solar Controller MPPT 75/10
- 3m of figure 8 Cable
- 1x pair MC4 cable

Optional extras: Lithium battery, smart solar controller

### System

The Valen 12V160WHR Solar Package system produces;

- 160Whr per day
  - Working on 4 hours peak sun
  - Batteries providing 7Ah (84Whrs)
  - Working on 50% DOD.
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- This package has been designed to suit 12VDC
  - A 50% depth of discharge (DOD) has been worked on for the batteries.
  - The solar design has been calculated on 4hrs peak sun with the solar panels installed on a 30° angle facing north.
  - Suggested applications; Automatic gate, solar pump, lighting.

Specifications subject to change without notice.