

VALEN 24V1200WHR SOLAR PACKAGE

KP09279

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

The Valen 24V1200WHR Solar Package system produces;

- 1200Whr per day
- Working on 4 hours peak sun
- Batteries providing 50Ah (1200Whrs)
- Working on 50% DOD.

PACKAGE INCLUDES

- 2 x Valen GEL 12V100Ah Battery
- 1x Valen 300W Solar Panel
- 1x Clenergy PM1 Post Mount Bracket
- 1x Victron Smartsolar Solar Controller MPPT 75/15
- 3m of figure 8 Cable
- 1x pair MC4 connector pair

Option extras: Lithium battery, cabinet



LOAD:	BACKUP TIME:
24v 25Ah or 600Whrs usable power per day	2 days back up
50% increase in solar for recharge of batteries following bad weather	
24v 40Ah or 960Whrs usable power per day	1.2 day back
25% increase in solar for recharge of batteries following bad weather	

- This package has been designed to suit 24vDC
- 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; Surveillance, remote power, access control, solar sign.

Specifications subject to change without notice.