

# VALEN 12V300WHR SOLAR PACKAGE KP09278

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

- 1x Valen GEL 12V55Ah Battery
- 1x Valen 85W Solar Panel
- 1x Medium Solar Bracket
- 1x Victron Bluesolar Solar Controller MPPT 100/30
- 3m of figure 8 Cable
- 1x pair MC4 connector pair

Optional extras: Lithium battery, smart solar controller

### System

The Valen 12V300WHR Solar Package system produces;

- 340Whr per day
- Working on 4 hours peak sun
- Batteries providing 27.5Ah (330Whrs)
- Working on 50% DOD.

LOAD:	BACKUP TIME:
12v 14Ah or 170Whr useable power per day	2 days back up
12v 23Ah or 272Whr useable power per day	1 day back

- 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; Road Sign, Warning Sign, CCTV/Alarm System.

Specifications subject to change without notice.