



Electrical Specifications :

Maximum Output Power :	900W.
Input Operating Voltage :	10-15V.
Output Voltage in BOOST Mode :	29V (+/- 0.2V).
Output Voltage in Float Mode :	27V (+/- 0.2V).
Maximum Input Current :	72A.
Maximum Output Current :	34A.
Efficiency :	90 to 94% depending on Load.

Mechanical Specifications :

Aluminium profile : 210x180x80mm.

+12VDC IN : M6 Nickel Plated Brass Threaded Rod
+24VDC OUT : M6 Nickel Plated Brass Threaded Rod
GROUND : M6 Nickel Plated Brass Threaded Rod

Others Spécifications :

One green led show that the converter is Supplied by 12V and the controler is running.

One green led show the state of charge of the 24V battery.

- Fast blinking in Boost Charge.
- Low blinking in Float mode.
- Straight on in equalisation.

One red led show that the converter is in fault (undervoltage on supply, overload on output).

The converter adjust the output current to not overload the 12V input.

The converter shut down id the 12V Input Voltage is too Low (under 10.5V).

Input and Output are protected against Overvoltage.

The converter shut down in case of too high temperature and restarts automatically after cooling.

The converter is fan cooled.

In Equalise mode the fans are Off.

In boost mode the two fans are On.

In Float mode one or both fans are running depending on the current level.

Options :

The converter can be order with :

- Connector for remote On/Off.
- Connector for remote 24V Battery voltage and temperature sensing.