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If you can dream it up, we can produce it!

ZED 1

Terminals and Hardware

Terminal	ZED 1
Mains Current	Yes
Mains Voltage	Yes
Generation Current	Yes
Communication Module	Yes
Binary Outputs	Yes
LAN	Yes
Extension Module	Yes
Din rail mounted	Yes
Lightweight device	Yes
2 year warranty	Yes

Software

	ZED 1
Binary Control of Inverters	Yes
User configuration	Yes - WEB
Real time measurements report	Yes - WEB
Remote access to data	Yes
CSV file download	Yes
Over 10 year history logs	Yes – WEB
Monitor device	Yes
Logging Device	Yes
Electronic email alerts	Yes - SNTP
Real time charts: I, KW, KVA. Consumption/Export, Generation, True Usage	Yes
Print function of charts	Yes
Password protected	Yes
Web interface	Yes
Manage, regulation and isolation excess power	Yes
Real time access by Computer/Tablet/Smartphone	Yes
Automatic firmware updates	Yes

Protective Functions

	ZED 1
Over Voltage	Yes
Under Voltage	Yes
Over Frequency	Yes
Under Frequency	Yes
Differential frequency in phases	Yes
Voltage Unbalance	Yes – Phase fail
Vector Shift	Yes
ROCOF	Yes
Directional Overcurrent	Yes
Directional Power	Yes - Regulated

Uses

ZED 1

The ZED 1 is a protection and management system. It constantly monitors and records the solar PV production and grid consumption. Incorporating the ZED 1 into your solar installation will ensure there is no export of solar PV into the grid.