

AUSTRALIAN DESIGNED, AUSTRALIAN MADE FOR AUSTRALIAN CONDITIONS

MIL-Solar Eclipse inverter brings military-quality engineering to your home.

The MIL-Solar Eclipse inverters are designed in Australia, for Australian conditions and manufactured and fully supported locally. Engineers experienced in building high-reliability technology for Australian and international defence systems developed these inverters specifically for Australian power network conditions. Being Australian made, Eclipse solar inverters also offer total local support for installers and users. Its standard five-year warranty can be upgraded to 10 years. Eclipse was the first Australian designed and manufactured inverter to achieve accreditation to the new AS/NZS4777.2 mandated standard.



MILSolar ECLIPSE Models
3000-II 4000-II 4600-II 4950-II 5000-II
Dimensions: 520H x 510W x 185D



High Solar Energy Yield

Harvest maximum sun all day with fully independent, dual maximum power point tracking PV inputs and leading Early On – Late Off performance.



High Quality

Military grade technology. High reliability design with local manufacturing support and backing.



Network ready

All Eclipse Inverters come standard with WiFi communications and browser interface for displaying status on any network connected device.



Electrical Safety

Certified to latest Australian and International standards for electrical safety and power quality modes. Inbuilt, system wide, isolation fault monitoring.



Installation simplicity

Slim line, low profile design. Simple direct plug connections. Front facing cooling fins for ease of maintenance.



Monitor via the Cloud

All data and performance information can be logged to the Cloud making it remotely accessible through any internet connected device.



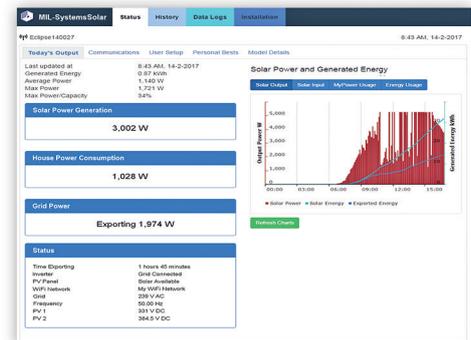
Layout flexibility

Widely varying rooftop layouts and shading conditions can be accommodated with the solar panel string configuration flexibility provided by the extra high voltage, unbalanced input capability.



Extended generation

Innovative design features such as reactive power control enable continued Solar power generation across wider Grid conditions.



PERFORMANCE MONITORING

Network Ready

All Eclipse Inverters are fitted with WiFi communications as a standard feature of the product.

Once connected to your home or business network, you can continuously monitor the live performance of your Solar power generation system as well as all consumption and energy usage information with the MyPower option.

The Eclipse Inverter also records all performance charts on a daily and monthly basis. This historic information can also be reviewed and displayed over the network at any time.

Data Download

Detailed 5 minute interval data logs and daily and monthly summary logs can also be viewed and downloaded over the network for further analysis and comparison if required.

The log file formats can be opened in any common editing program or spreadsheet application such as Excel.



Studies show that when you are provided with the means to continuously monitor your power usage, you will make basic behavioural changes alone that reduce your energy usage by 10% to 20%.

Just by being simply presented with your power usage information! Add this to the ability to match some power usage and loads to your solar generation profile and you have the real potential for even greater savings.

"If it's not measured, it's not managed"

The MyPower option available with Eclipse Inverters does just that. It provides you with a very simple display of your power and overall energy usage.

More than that, it continuously records and charts all of your detailed daily and monthly power consumption information so that you can further analyse your energy usage 'habits'.

This information allows you to better manage your power usage and achieve even greater savings.

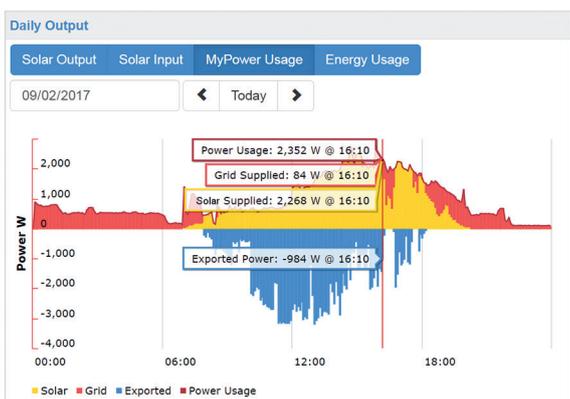


Access via the Cloud

The Eclipse Inverter supports automatic uploading of all solar performance and energy generation information to the cloud website PVOutput.org

With the optional MyPower feature, this includes uploading all instantaneous and historic power and energy usage information. Every 5 minutes, 24 hours a day.

Monitoring and management of your power consumption by simple mobile App is possible anytime and anywhere.



BATTERY STORAGE SYSTEMS

Eclipse inverters can be integrated with AC battery storage systems such as the new Tesla Powerwall2 intelligent energy storage system.

