



Solar PV

Who Is Emerald Planet?

Emerald Planet is an established supplier of products to participants in renewable energy and carbon abatement markets. Products include leading edge and compliant solar PV, energy efficient lighting and stand-by power savers.

Emerald Planet originally operated as a retailer and installer so we have a close understanding of your business challenges. This means we work with you in ways that simplify your business.

Emerald Planet's team has deep expertise in PV Solar product, supply chains, regulatory environments and the relevant state and federal incentive schemes.

Customer Service

- Standard or Premium systems from 1.5kW up
- Complete systems or specific components to suit your needs
- Complete systems include all components for seamless installation
- All systems and components are compliant with required Australian Standards and Certifications and are included on Clean Energy Council's list of approved products.
- Compliance documentation and Certificates available on our web-site or on request
- Offering illustrative electrical system diagrams and a roof mount engineering report to simplify your business
- Offers an optional REC trading service and can negotiate payment terms which utilize RECs as security
- Free freight for deliveries above modest thresholds

Solar PV System Components

Panels – Leading Edge 190W Mono

Dimensions:	1580mm X 808mm X 35mm
Weight:	16kg
Frame:	Clear anodized aluminium alloy - silver
Solar Cells:	72 Solar Cells (125mm X 125mm) in a 6X12 matrix connected string & bypass diodes
Output Cables:	4mm ² solar cable with weatherproof connectors
Junction Box:	IP 65 Junction Boxes
Max Power (W):	190W
Max Power (V):	36.2V
Max Power (Imp):	5.25A
Open-Circuit Voltage:	45V
Short Circuit Current:	5.5A
Tolerance:	+/- 3%

Inverters

Standard Systems:	Sunteams (Solar Lord) or Aerosharp
Premium Systems:	Aurora - made in Italy

Other inverters can be sourced on request

Complete Roof Mounting System

Available for all roof types including cyclone areas and including an engineering report compliant with AS 1170.2.2002

Electricals

All electrical components (except cabling) is included. Bill of Materials details available on request.

Warranties

Panels:	25 years performance and 5 years materials
Aerosharp inverter –	10 years
Sunteams (Solar Lord) inverter –	5 years
Aurora inverter –	5 years
Roof Mounting System:	10 years materials and 5 years on anodised coating

Pricing – schedules available on request

Contacts and further information

Tel: (02) 9466 6000 or 1300 511 148

Email: pvorders@emeraldplanet.com.au Web: emeraldplanet.com.au