

# ▶ Modular Solar Power Skid

**The New Centralian Controls Packaged Solar Powered Equipment Skid offers superior application versatility designed to significantly reduce time for field deployment.**

The fully structural and wind-load engineered system is constructed to withstand extreme environments and rough transport corridors. Component selection is based on years of experience manufacturing industrial process control and instrumentation systems primarily for the oil & gas, mining and utility sectors.

This new system design maintains a consistent feel for field operators whilst offering the highest power delivery in a compact footprint. Multiple skids can be easily coupled to allow increased continuous loads of up to 960W. Systems are comprehensively factory tested prior to being packed in wooden crates and usually require little more than installation of a single battery link prior to site commissioning.

Typical applications include:

- △ Production metering
- △ Cathodic Protection
- △ Telecommunications
- △ Research Facilities
- △ Chemical Injection
- △ Water Pumping

**PV Array: 0.4kW — 1.3kW**

**Battery Capacity: 4kWh — 12kWh**

**PV Regulator: 60A Series or MPPT**

**Material: Hot Dipped galvanized steel**

**Enclosures: Powdercoated mild steel or Stainless Steel**

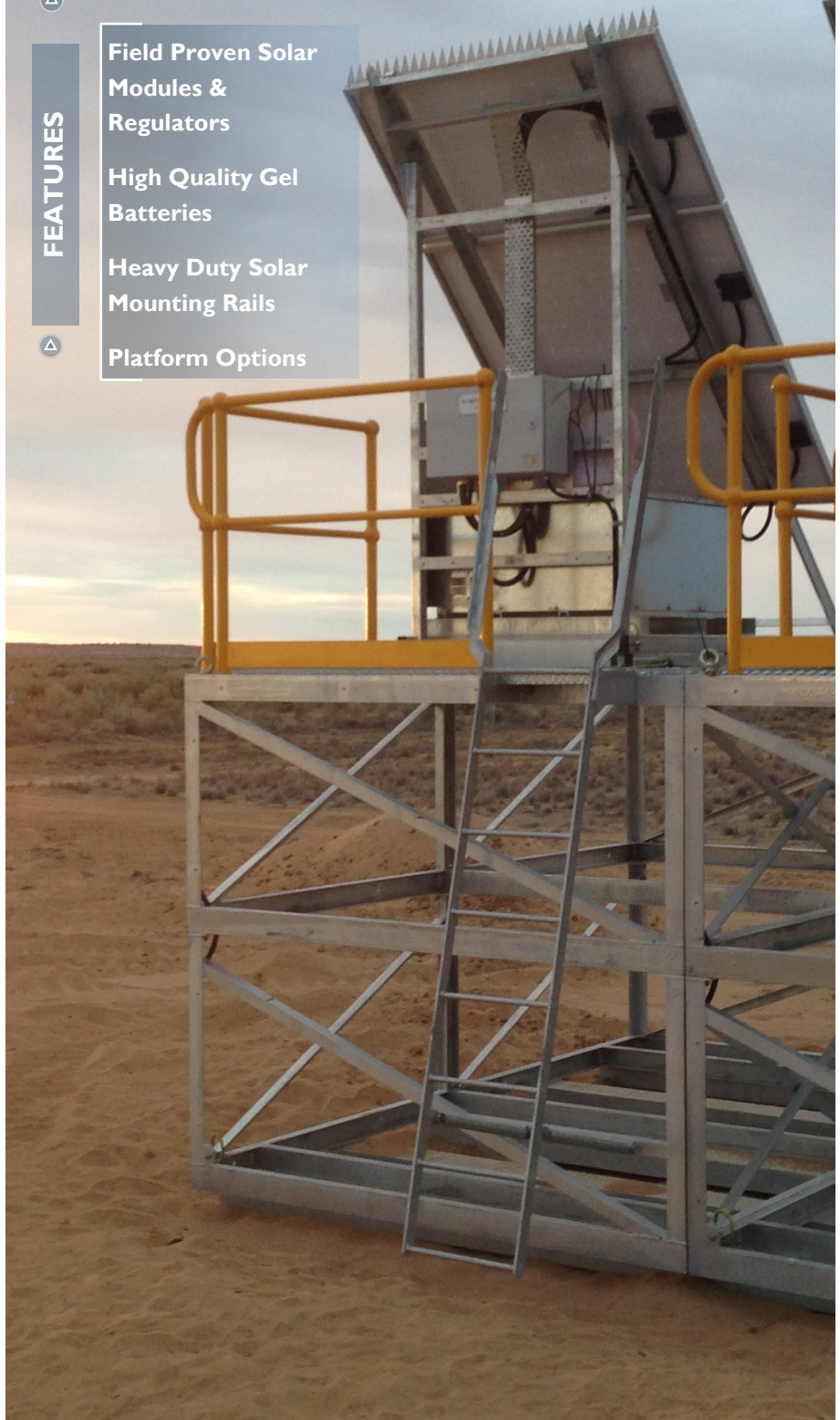
**Standards: AS1170, AS4100, AS1657, AS4509, AS4086, AS5033**

## BENEFITS

- Faster Installation
- Long Service Life
- Simple Expandability

## FEATURES

- Field Proven Solar Modules & Regulators
- High Quality Gel Batteries
- Heavy Duty Solar Mounting Rails
- Platform Options



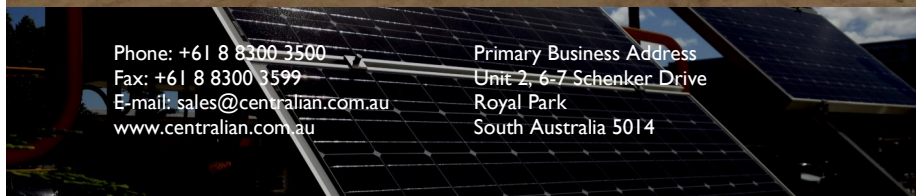
## PRODUCT OUTLINE

## BASE SKID SPECIFICATIONS



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MODULAR DESIGN



TURNKEY SOLUTION



# System Configurations

## HIGH CRITICALITY APPLICATIONS

DAILY LOAD (Wh)	24V BATTERY CAPACITY	SOLAR ARRAY
660	330Ah	2 x 200W
900	450Ah	2 x 200W
1300	650Ah	3 x 200W
1680	875Ah	4 x 200W
2016	1000Ah	4 x 200W

## LOW CRITICALITY APPLICATIONS

DAILY LOAD (Wh)	24V BATTERY CAPACITY	SOLAR ARRAY
1720	450Ah	4 x 200W
2040	650Ah	4 x 200W
2760	1000Ah	4 x 250W

## STACKED APPLICATIONS

DAILY LOAD (Wh)	48V BATTERY CAPACITY	SOLAR ARRAY
5880	2 x 450Ah	8 x 327W
8820	3 x 450Ah	12 x 327W
11760	4 x 450Ah	16 x 327W
14700	5 x 450Ah	20 x 327W
17640	6 x 450Ah	24 x 327W
20580	7 x 450Ah	28 x 327W
23520	8 x 450Ah	32 x 327W

## OPTIONS

PRODUCT	DETAILS
<b>AC Charger</b>	Hinged panel to permit battery access, AC Inlet Socket, Temp Sensor 30A @ 12V   40A @ 24   80A @ 24V   50A @ 48V   95A @ 48V
<b>Offset Bracket / Pivot Bracket / Antenna Mast</b>	Enables use of Yagi-Uda style antenna whilst limiting shading and bird-soiling of solar modules
<b>GPS Antenna Bracket</b>	Enables 360 degree field of view for Radome/satellite antenna
<b>Platform Bases</b>	1.1m or 2.1m high self-ballasted galvanized steel platforms
<b>Equipment Enclosures</b>	From 760(h) x 760(w) x 210(d) to 1600(h) x 1000(w) x 400(d)



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