

# Mono Rigid Solar Panel 170W

## GSPS-170

### Warranty

- ◆ 5 years **Manufacturer Warranty**
- ◆ **Warranty on Electrical Performance:** 10 years 90%  
+ 25 years 80% of power output

### Manufacturing

- ◆ Original cell sorting system ensures the best electric cell **match**
- ◆ EL-Testing before packing.
- ◆ **Comprehensive module power testing.**

### Performance

- ◆ Higher **module efficiency and compact size.**  
**Weakened hot-spot effect, lower module failure**
- ◆ **rate and increased stability by shingle-tech.**
- ◆ **Special connection method** lowers the internal resistance and ensures better performance than traditional connection with busbar.
- ◆ IP67 rated **junction box, reliable cables and standard MC4 connectors** **improve the stability**



### Mechanical Data

Standard Test Conditions AM=1.5, E=1000W/m<sup>2</sup>, TC=25°C

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| Nominal Power                | 170W                                             |
| Cell Type                    | Monocrystalline                                  |
| Cell Efficiency              | ≥22.7%                                           |
| Maximum Power Current (Impp) | 8.32A                                            |
| Maximum Power Voltage (Vmpp) | 20.41V                                           |
| Open-circuit Voltage (Voc)   | 24.26V                                           |
| Short-circuit Current (Isc)  | 8.75A                                            |
| Maximum System Voltage       | 500V                                             |
| Output Tolerance             | 0~+3%                                            |
| Cable                        | 900mm/4mm <sup>2</sup>                           |
| Connector Type               | MC4 / MC4 Compatible                             |
| Module Structure             | Aluminum Frame / Glass / EVA / Backsheet (Black) |
| Junction box rating          | ≥IP67                                            |
| Number of Diodes             | √                                                |
| Working Temperature          | -40°C~+80°C                                      |

### Packaging

|                         |                 |
|-------------------------|-----------------|
| Module Dimensions       | 1315*670*30mm   |
| Module Weight           | 8.4kg           |
| Package                 | Single Package  |
| Pieces per Pallet       | 36              |
| Gross Weight per Pallet | 322kg           |
| Pallet Dimensions       | 1315*1100*680mm |

PowerScienceAustralia Group PtyLtd

Address: 74 Killara Road, Campbellfield VIC  
3061

E-Mail: [josh@powersciencigroup.com.au](mailto:josh@powersciencigroup.com.au)

Tel: +61 455966883