



**500-06252 - Sphere 250w Mono Crystalline Twin Cell Solar Panel**

**500-06272 - Sphere 250w Mono Crystalline Twin Cell BLACK Solar Panel**

| Type                      |                                                         |  |        | JH158.75-98 250W18V                   |  |
|---------------------------|---------------------------------------------------------|--|--------|---------------------------------------|--|
| Parameters                |                                                         |  |        |                                       |  |
| Standard Test Conditions  |                                                         |  |        | 1000W/M²,1.5AM,25                     |  |
| Electricity Performanc    | Peak Power Output (W)                                   |  |        | 250W                                  |  |
|                           | Power Output Tolerance （%）                              |  |        | +-3%                                  |  |
|                           | Maximum Power Voltage (V)                               |  |        | 20.61                                 |  |
|                           | Maximum Power Current (A)                               |  |        | 12.13                                 |  |
|                           | Short Circuit Current （A）                               |  |        | 12.35                                 |  |
|                           | Open Circuit Voltage(V)                                 |  |        | 24.10                                 |  |
|                           | Maximum System Voltage                                  |  |        | 1000V/DC                              |  |
| Junction Box Type         |                                                         |  |        | 0.9m 4mm2 solar cable fitted with MC4 |  |
| Mechanical Performance    | Number of Cells                                         |  |        | 4*18 72pcs                            |  |
|                           | Module Size (mm)                                        |  |        | 670*1850*35*30*1.2                    |  |
|                           | Module Net Weight                                       |  |        | 14KG                                  |  |
| Temperature Coefficient   | Working Temperature                                     |  |        | - 40～85℃                              |  |
|                           | Power TK （P <sub>N</sub> ）                              |  |        | - 0.45%/℃                             |  |
|                           | Open Circuit Voltage T <sub>K</sub> （U <sub>OC</sub> ）  |  |        | - 0.33%/℃                             |  |
|                           | Short Circuit Current T <sub>K</sub> （I <sub>SC</sub> ） |  |        | 0.045%/℃                              |  |
|                           | Test temperature                                        |  |        | 25±2℃                                 |  |
| Guarantee of power output | ≤10 Years                                               |  | %      | ≥90                                   |  |
|                           | ≤25 Years                                               |  | %      | ≥80                                   |  |
|                           | Material warranty                                       |  | Months | 60                                    |  |

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