

## ■ FDS-200P-24

### Temperature Coefficients

|                                      |            |
|--------------------------------------|------------|
| NOCT                                 | 45 +/-2°C  |
| Voltage temperature coefficient(Voc) | -0.36%/°C  |
| Current temperature coefficient(Isc) | +0.033%/°C |
| Power temperature coefficient(Pmpp)  | -0.44%/°C  |
| Minimum power tolerance              | +/- 3%     |

NOCT:Nominal Operating cell Temperature

### Mechanical Data

|               |                                                     |
|---------------|-----------------------------------------------------|
| Solar Cell    | 72(6×12) Poly-crystalline 156×107mm                 |
| Front Glass   | 3.2mm tempered                                      |
| Junction Box  | IP 65 rated                                         |
| Output Cables | 900mm length cable/compliable with MC IV connectors |
| Frame         | Anodized aluminium                                  |



### Electrical Data

| Module type                | FDS-200-24     |
|----------------------------|----------------|
| Nominal peak power(Wp)     | 200W           |
| Nominal voltage(Vmp)       | 35.0V          |
| Nominal current(Imp)       | 5.72A          |
| Open-circuit voltage(Voc)  | 44.0V          |
| Short-circuit current(Isc) | 6.35A          |
| Module efficiency          | 14.9%          |
| Operating temperature      | -40°C to +85°C |
| Maximum system voltage     | 1000V DC       |
| Weight                     | 16.2kg         |
| Dimension                  | 1360×990×35 mm |

STC:1000W/m<sup>2</sup> 25°C

