

### Electrical parameters

Electrical parameters at STC(1.000W/m<sup>2</sup>), 25°C, AM 1.5 according to EN 60904-3

|                           |     |          |
|---------------------------|-----|----------|
| Module type               | [P] | iT150P36 |
| Power output              | [W] | 150      |
| Power output tolerances   | [%] | ±3       |
| Module efficiency         | [%] | 16.0     |
| Voltage at Pmax, Vmpp     | [V] | 18.05    |
| Current at Pmax, Impp     | [A] | 8.70     |
| Open circuit voltage Voc  | [V] | 22.40    |
| Short circuit current Isc | [A] | 9.13     |

### Parameters of thermal characteristics

|  |       |         |
|--|-------|---------|
| NOCT (Nominal Operating Cell Temperatures) | [°C]  | 46±2    |
| Temperature coefficient beta of Isc        | [1/k] | +0.0006 |
| Temperature coefficient alpha of Voc       | [1/k] | -0.0037 |
| Temperature coefficient gamma of Pmpp      | [1/k] | -0.0045 |

### Mechanical parameters

|                                |                                |
|--------------------------------|--------------------------------|
| Dimensions(mm)                 | 1480*676*35                    |
| Weight(kg)                     | 11.5                           |
| Cell type(quantity/technology) | 36/polycrystalline/156x104mm   |
| Encapsulation materials        | Ethylene Vinyl Acetate(EVA)    |
| Frame                          | Robust anodized aluminum alloy |

### Working conditions

|                             |                        |
|-----------------------------|------------------------|
| Maximum system voltage      | DC 1000V(TUV)/600V(UL) |
| Operating temperature       | -40°C~+85°C            |
| Maximum series fuse         | 15A                    |
| Max.wind load/Max.snow load | 2400Pa/5400Pa          |
| Grounding conductivity      | <0.1                   |
| Insulation resistance       | ≥100M                  |
| Application class           | Class A                |

