

# Technical Specifications

## Module Type PVE-MTF1-230-6

### PHYSICAL CHARACTERISTICS

#### Distance between module installation points :

Length ..... 1000 mm  
Width ..... 1026 mm

#### Physical dimensions :

Length ..... 1682 mm  
Width ..... 1041 mm  
Thickness ..... 35 mm  
Weight ..... 21 kg  
Number of cells in series ..... 60  
Number of cells in parallel ..... 1  
Distance between cells ..... 2 mm

#### Distance between cells and glass edge

Sides: ..... 20 mm  
Top: ..... 25 mm  
Bottom: ..... 25 mm

### ELECTRICAL CHARACTERISTICS (1000 W/m<sup>2</sup>, 25 °C cell, AM 1.5)

Maximum power (P<sub>max</sub>) ..... 230 Wp +-3%  
Maximum power voltage (V<sub>max</sub>) ..... 29,70 V  
Maximum power current (I<sub>max</sub>) ..... 7,75 A  
Open circuit voltage (V<sub>oc</sub>) ..... 36,90 V  
Short circuit current (I<sub>sc</sub>) ..... 8,35 A  
Maximum system voltage ..... 850 V  
NOCT (800 W/m<sup>2</sup>, 20 °C, AM 1.5, 1m/s) 46°C

Temperature coefficients ..... NOCT 46°C, TC I<sub>m</sub> 0,04%/°C,  
TC V<sub>m</sub> - 0,38%/°C, TC P<sub>m</sub> - 0,47%/°C

### CONSTRUCTIVE CHARACTERISTICS

Cells ..... Poly crystalline 156X156 mm  
Contacts ..... Full length soldered  
Laminate ..... EVA  
Front face ..... Anti-reflective structured tempered glass  
Back face ..... Multi layer foil  
Frame ..... Anodized aluminium 3,5 cm high  
Junction boxes ..... Filled up permanently  
Cables and Connectors ..... 2 x 85cm 4mm<sup>2</sup> Huber & Suhner cables and connectors

