

# Tekniska Specifikationer

## Solcell-Solcellspanel-Solpanel PVE 12-volt

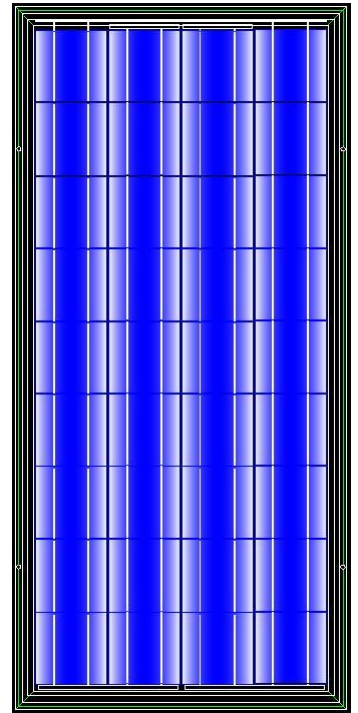
### PHYSICAL CHARACTERISTICS

#### Distance between module installation points:

Length	1511 mm
Width	704 mm

#### Physical dimensions:

Length	1525 mm
Width	718 mm
Thickness	35 mm
Weight	12 kg
Number of cells in series	36
Number of cells in parallel	1
Distance between cells	2 mm
Distance between cells and glass edge	Sides: 15 mm Top: 17 mm Bottom: 17 mm
NOCT (800 W/m <sup>2</sup> , 20 °C, AM 1.5, 1m/s)	46°C



### CONSTRUCTIVE CHARACTERISTICS

Cells	Poly cristalline 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 with Epoxy or Polyurethane
Cable & Connectors	2 x 85 cm 4 mm <sup>2</sup> Huber & Suhner

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

Solpanel Typ	PVE-MTF1-140-6	PVE-MTF1-145-6	PVE-MTF1-150-6
Maximum power (Pmax)	140 Wp +-3%	145 Wp +-3%	150 Wp +-3%
voltage (Vmax)	18,29 V	18,47 V	18,68 V
current (Imax)	7,69 A	7,91 A	8,00 A
Open circuit voltage (Voc)	22,14 V	22,43 V	22,54 V
Short circuit current (Isc)	8,24 A	8,43 A	8,54 A
Maximum system voltage	850 V	850 V	850 V
NOCT (800 W/m <sup>2</sup> , 20 °C, AM 1.5, 1m/s)	46°C	46°C	46°C
Temperature coefficients	NOCT 46°C, TC Im 0,04%/°C, TC Vm - 0,38%/°C, TC Pm - 0,47%/°C	NOCT 46°C, TC Im 0,04%/°C, TC Vm - 0,38%/°C, TC Pm - 0,47%/°C	NOCT 46°C, TC Im 0,04%/°C, TC Vm - 0,38%/°C, TC Pm - 0,47%/°C

#### STANDARD

