



Technical specifications Module Type PVE Mono

PHYSICAL CHARACTERISTICS

Distance between module installation points:

Length	1000 mm
Width	841 mm

Physical dimensions:

Length	1637 mm
Width	855 mm
Thickness	35 mm
Weight	16,1 kg
Number of cells in series	72
Number of cells in parallel	1
Distance between cells	2 mm

Distance between cells and glass edge:

Sides	18 mm
Top	31 mm
Bottom	31 mm

CONSTRUCTIVE CHARACTERISTICS

Cells	Mono crystalline 125X125 mm
Contacts	Full length soldered
Laminate	EVA
Front face	Anti-reflective tempered glass
Back face	TPT
Frame	Anodized aluminium 3,5 cm high
Junction boxes	Filled up permanently
Cables and Connectors	2 x 85cm 4mm ² Huber & Suhner cables and connectors



ELECTRICAL CHARACTERISTICS (1000 W/m², 25 °C cell, AM 1.5)

Module Type	PVE-MTF1-170-5	PVE-MTF1-175-5	PVE-MTF1-180-5
Maximum power (P _{max})	170 Wp +-3%	175 Wp +-3%	180 Wp +-3%
voltage (V _{max})	35,80 V	35,90 V	36,00 V
current (I _{max})	4,75 A	4,88 A	5,00 A
Open circuit voltage (V _{oc})	43,60 V	43,70 V	43,80 V
Short circuit current (I _{sc})	5,20 A	5,30 A	5,47 A
Maximum system voltage	850 V	850 V	850 V
NOCT (800 W/m ² , 20 °C, AM 1.5, 1m/s)	46°C	46°C	46°C
Temperature coefficients	NOCT 46°C, TC I _m 0,04%/°C, TC V _m - 0,38%/°C, TC P _m - 0,47%/°C	NOCT 46°C, TC I _m 0,04%/°C, TC V _m - 0,38%/°C, TC P _m - 0,47%/°C	NOCT 46°C, TC I _m 0,04%/°C, TC V _m - 0,38%/°C, TC P _m - 0,47%/°C

STANDARD

