

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

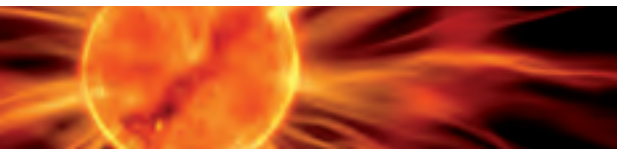


ELECTRICAL CHARACTERISTICS (1000 W/m², 25 °C cell, AM 1.5)

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





Technical specifications Module Type PVE Poly

PHYSICAL CHARACTERISTICS

Distance between module installation points:

Length	1000 mm
Width	1030 mm

Physical dimensions:

Length	1682 mm
Width	1042 mm
Thickness	35 mm
Weight	20,4 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	29 mm
Bottom	29 mm

CONSTRUCTIVE CHARACTERISTICS

Cells	Poly crystalline 156x156 mm
Contacts	Full length soldered
Laminate	EVA
Front face	Anti-reflective structured 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-MTF1-210-6	PVE-MTF1-215-6	PVE-MTF1-220-6	PVE-MTF1-225-6	PVE-MTF1-230-6	PVE-MTF1-235-6	
Maximum power (P _{max})	210 Wp +-3%	215 Wp +-3%	220 Wp +-3%	225 Wp +-3%	230 Wp +-3%	235 Wp+-3%	
voltage (V _{max})	28,70 V	28,90 V	29,20 V	29,50 V	29,70 V	29,90 V	
current (I _{max})	7,32 A	7,44 A	7,56 A	7,63 A	7,75 A	7,86 A	
Open circuit voltage (V _{oc})	36,40 V	36,50 V	36,60 V	36,80 V	36,90 V	37,00 V	
Short circuit current (I _{sc})	7,90 A	8,00 A	8,10 A	8,20 A	8,35 A	8,45 A	
Maximum system voltage	850 V	850 V	850 V	850 V	850 V	850 V	
NOCT (800 W/m ² , 20 °C, AM 1.5, 1m/s)	46°C	46°C	46°C	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	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	NOCT 46°C, I _m 0,04%/°C, V _m - 0,38%/°C, P _m - 0,47%/°C

STANDARD



