


robust and durable - 5400 Pa



easy installation



high efficiency – warranty for
performance 25 years



POSITIVE TOLERANCE

Monocrystalline photovoltaic modules

Efficiency - 15,4 %

Suitable for off-grid and on-grid application

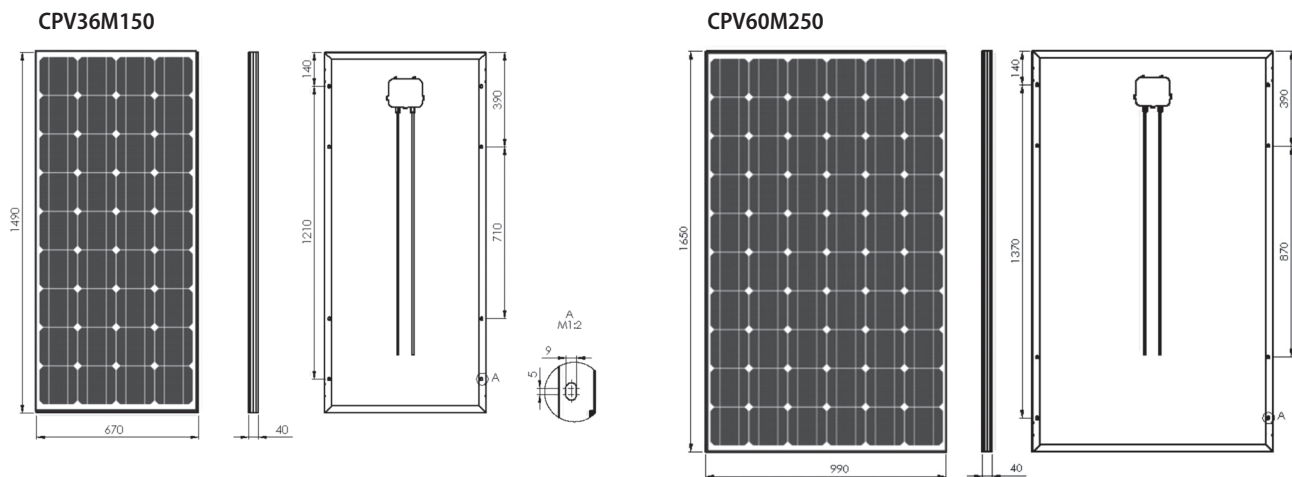
Positive tolerance 0/+3%

Certificates – TUV InterCert, CE, EN 61215, EN 61730

Monocrystalline photovoltaic modules

*Electrical data	Monocrystalline photovoltaic module CPV36M150	Monocrystalline photovoltaic module CPV60M250
Number of cells	36 (4x9)	60 (6x10)
Peak power, Wp, positive tolerance 0/+3%	150	250
Voltage at maximum power, Vmp (V)	18,3	30,5
Open circuit voltage, Voc (V)	22,9	38,19
Current at maximum, Imp (A)	8,2	8,2
Short-circuit voltage, Isc (A)	8,88	8,88
Module efficiency, %	15	15,4
Working temperature, °C	from -40 to 85	from -40 to 85
Nominal operating cells temperature, °C	45	45
Maximal system voltage, V	1000	1000
Rated current of diode, A	20	20
Temperature coefficient of power, %/°C	-0,42	-0,42
Temperature coefficient of voltage, %/°C	-0,33	-0,33
Temperature coefficient of current, %/°C	0,04	0,04
Technical data		
Module dimensions, mm	1490 x 670 x 40	1650 x 990 x 40
Junction box	IP-65, 2 diode, cables 2x1 m, connectors MC4	IP-65, 3 diode, cables 2x1 m, connectors MC4
Tempered low-iron solar glass, mm	3,2	3,2
Frame	Anodized aluminium	Anodized aluminium
Weight, kg	14	19
Certificates	TUV InterCert, CE, EN 61215, EN 61730	TUV InterCert, CE, EN 61215, EN 61730

*All electrical data are in accordance with standard test conditions (1000 W/m²; AM 1,5; cells temperature 25°C)



Resistant to:



85°C



Hail



Rain



-40°C

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