



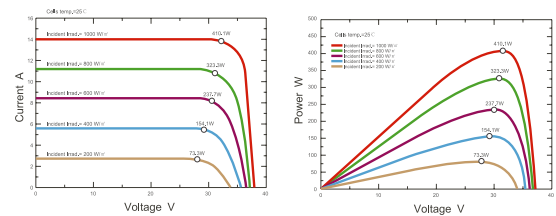
PV385-415PERC

385-415 Watt

182 mm 108 Cells Monofacial PV Module



Current-Voltage & Power-Voltage Curves



Electrical Characteristics

Module Type	PV385PERC		PV390PERC		PV395PERC		PV400PERC		PV405PERC		PV410PERC		PV415PERC	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	385	290	390	294	395	298	400	302	405	306	410	310	415	314
Open Circuit Voltage (Voc/V)	36.76	34.49	36.85	34.62	36.98	34.75	37.07	34.88	37.23	35.12	37.32	35.23	37.45	35.37
Short Circuit Current (Isc/A)	13.53	10.82	13.61	10.89	13.70	10.96	13.79	11.03	13.87	11.10	13.95	11.16	14.02	11.22
Optimum Operating Voltage (Vmp/V)	30.44	28.66	30.64	28.87	30.84	29.08	31.01	29.26	31.21	29.47	31.45	29.72	31.61	29.89
Optimum Operating Current (Imp/A)	12.65	10.11	12.73	10.18	12.81	10.25	12.90	10.32	12.98	10.38	13.04	10.43	13.13	10.50
Module Efficiency (ηm/%)	19.8		20.0		20.2		20.5		20.8		21.0		21.3	
Power Tolerance	0/+4.99 W													
Maximum System Voltage	1500 VDC (IEC / UL)													
Maximum Series Fuse Rating	25 A													

STC: Irradiance 1000 W/m², Cell Temperature 25 °C, Air Mass 1.5; NOCT: irradiance 800 W/m², Ambient Temperature 20 °C, Air Mass 1.5, Wind Speed 1m/s

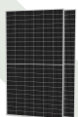
Mechanical Specifications

Solar Cells	Monocrystalline 182 mm (2x54 pcs)
Front/Back Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0 mm ² , 1200 mm (+), 1200 mm (-)
Connectors	MC4 compatible

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	45±2 °C
Temperature Coefficient of Pmax	-0.350 %/°C
Temperature Coefficient of Voc	-0.275 %/°C
Temperature Coefficient of Isc	+0.045 %/°C
Operating Temperature	-40~+85 °C

Customization Options



Double glass
or bifacial



Full black



Custom cable
length



Custom
connectors

Packing Configuration

Panel Size	1722 x 1134 x 30 mm	
Panel Weight	20.5 kg	
Container	20'GP 40'HQ	
Pieces per Pallet	36	36
Pallets per Container	6	26
Pieces per Container	216	936