



POWER GENERATION
FOR GENERATIONS

MAXIMISE POWER AND PERFORMANCE

GO SOLAR WITH A PROVEN PRODUCT AND
GET THE BEST ENERGY HARVEST

PV MODULES WITH

20.7%

EFFICIENCY NOW

Projects Across The Globe

NOVERGY SITES.

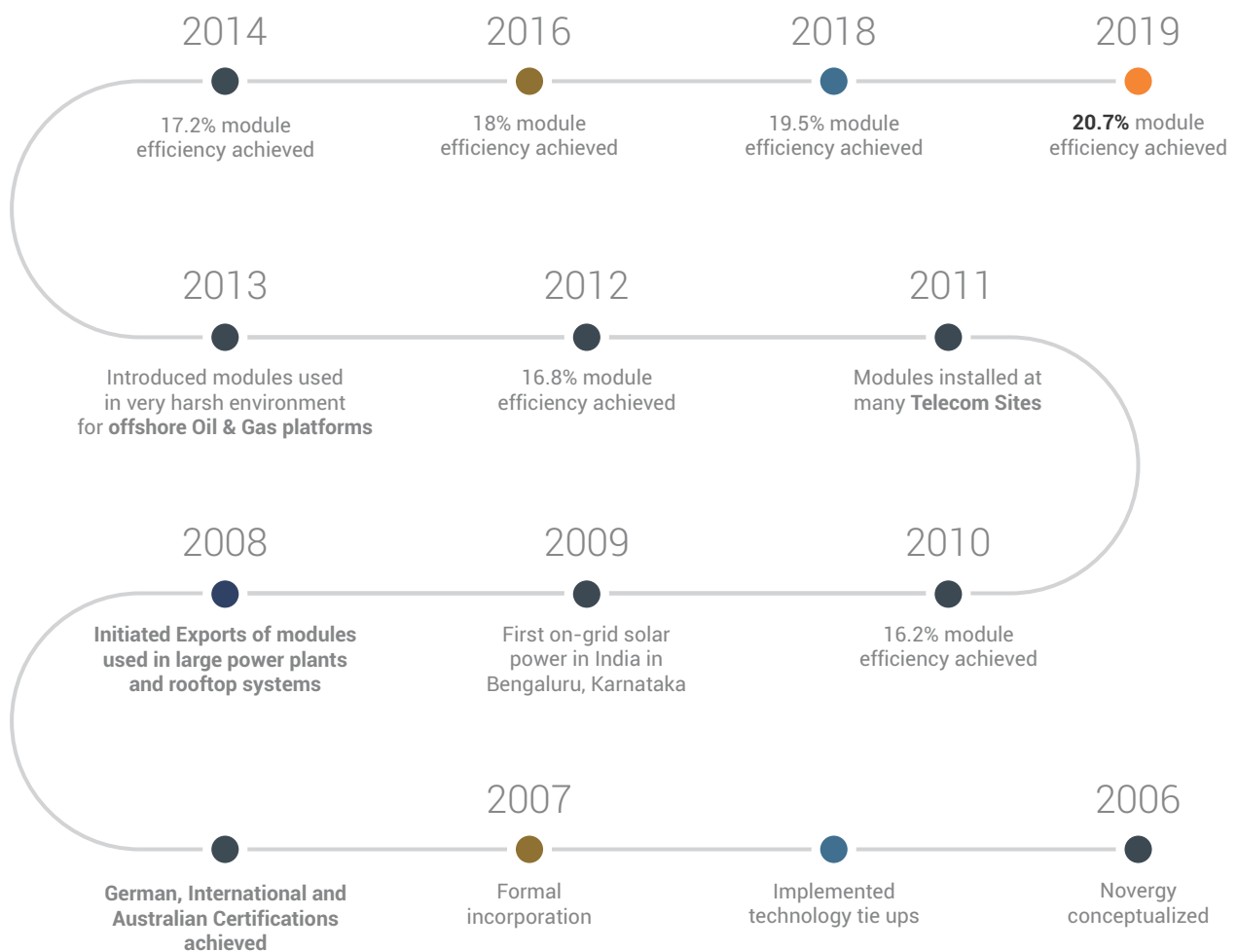
CLIENT SNAPSHOT.



Products being used by various leading MNCs, corporates, solar EPC companies, Institutions and global organisations. Novergy products are exported to various countries around the globe.

Our Journey

NOVERGY MILESTONES

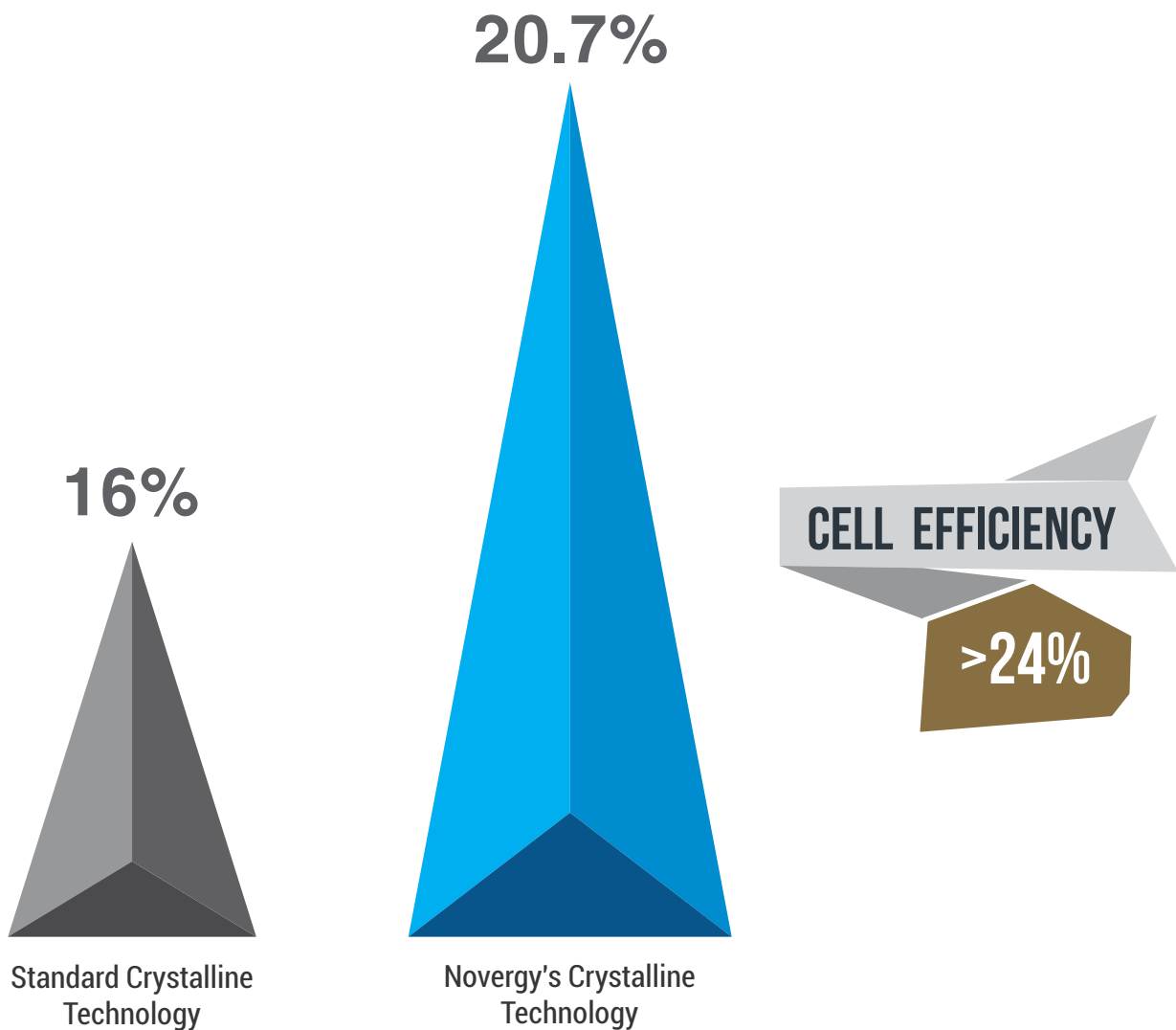


Efficiency only few can deliver

GENERATE UPTO 30 PERCENT MORE SOLAR ENERGY WITH NOVERGY.

Our solar photovoltaic (PV) modules promises one of the highest efficiency quotients in the industry and lives upto it. As a global provider of durable solar power panels, Novergy has been solving power needs across industries for more than a decade. Our modules deliver more kWh energy than most other competitors.

SUPERIOR MODULE EFFICIENCY

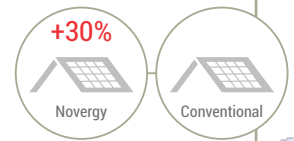


Designed to Maximize Power

PROVEN PERFORMANCE OVER GENERATIONS.

More Power per m²

Our panels generate more power in lesser space.

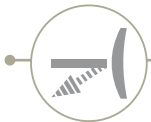


Better Temperature Coefficient*

Our PV modules have a better coefficient than conventional cells in the market. With our technology the reduction in energy yield is 0.35%/°C only. While other standard C-Si modules reduce by upto 0.47%/°C.



Anti-Reflective Coating On Glass



Due to ARC glass the modules are able all to absorb more light and hence generate more power.

Lower Degradation

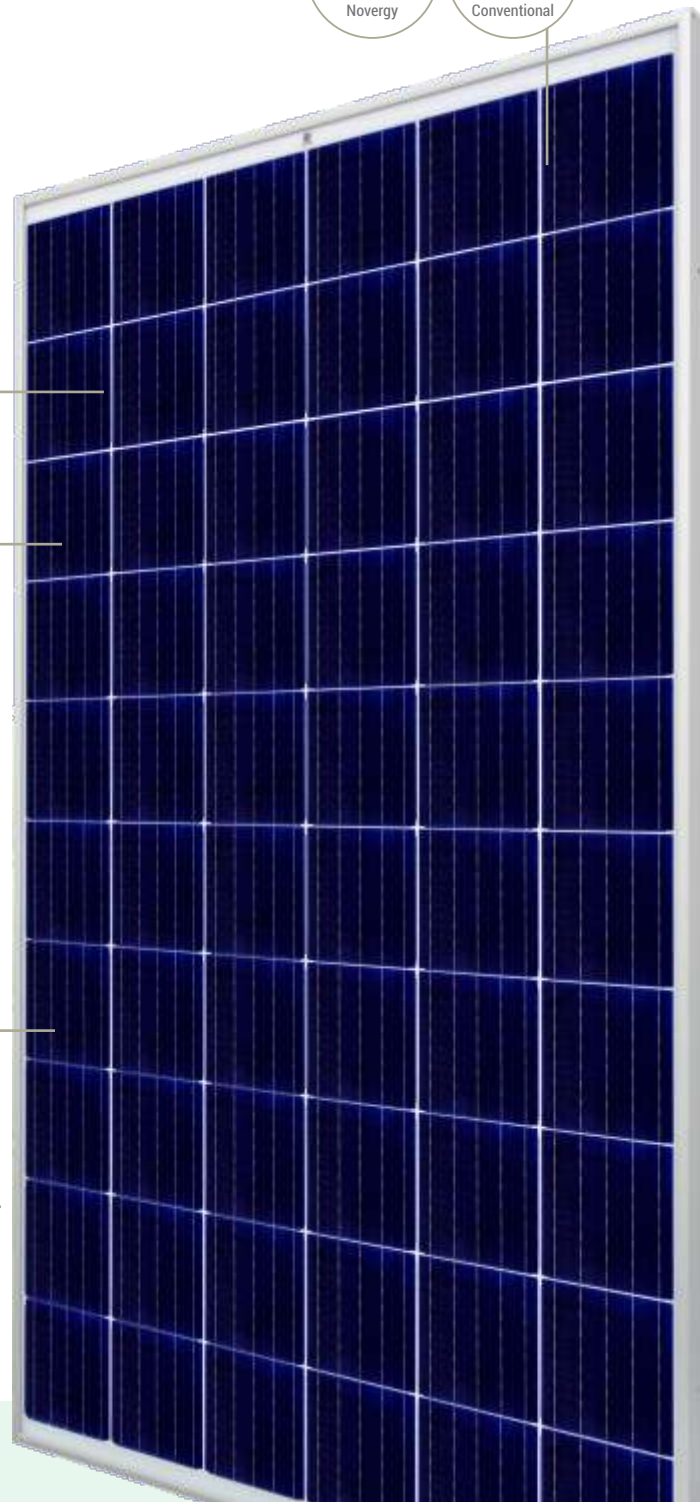


With use of high-grade materials, the cell degrades much lesser when first exposed to light. Hence, Reducing light-induced degradation.

5 Bus Bar Design*



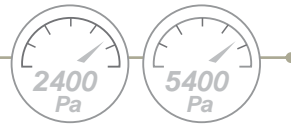
Enhances current transmission and module reliability.



*Select models only

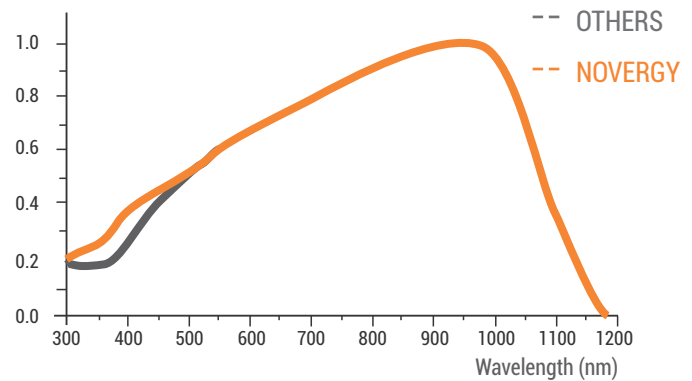
Strong Mechanical Strength*

Excellent mechanical load resistance: Certified to withstand high wind loads (2400 Pa) and Snow loads (5400 Pa).



Responsive in Low Light

Novergy modules capture more sunlight in low light. The modules generate power in low wavelengths thus ensuring better power generation during morning, evening, winters and cloudy conditions. They "Wake up" the inverters earlier in the morning and generate power to the maximum potential till later in the evening.

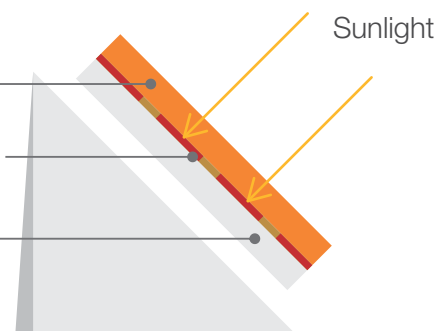


PERC SOLAR CELL*

Silicon

Special nano coated power reflectorct

Aluminium back contact



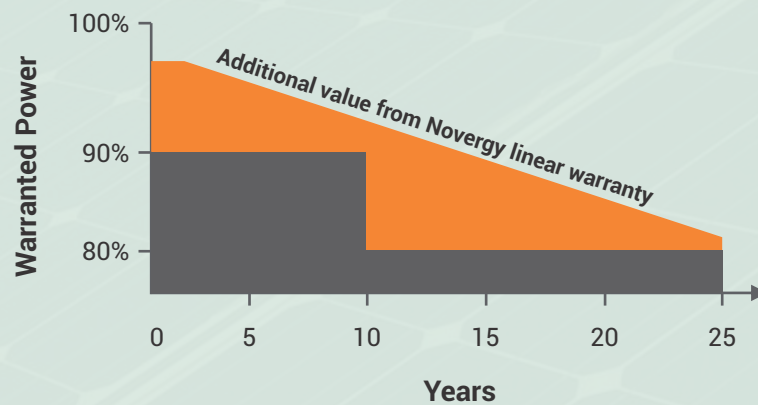
PID Free

The modules are PID free for long & reliable performance.

We Offer both Monocrystalline and Polycrystalline Technologies

25 YEARS WARRANTY

- Novergy warranty
- Standard Warranty



- For a period of twenty-five (25) years commencing on the Warranty Start Date, loss of power output of the nominal power output measured at Standard Test Conditions (STC) for the Products(s) shall not exceed:
 1. For Polycrystalline Products: 2% in the first year, thereafter 0.67% per year, ending with 82% in the 25th year after the Warranty Start Date.
 2. For monocrystalline Products: 2% in the first year, thereafter 0.67% per year, ending with 82% in the 25th year after the Warranty Start Date.
- The modules carry a 10 year product warranty against any manufacturing defects.

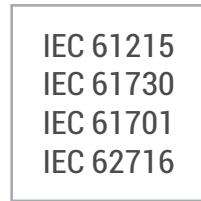
Pretested to meet global standards **A PREMIUM PRODUCT. RELIABLE WITH BIGGER RETURNS**

NovergY panels deliver more kWh per rated kilowatt (kW) than conventional crystalline solar panels.
That means an even greater ROI.

Certifications / Compliance / Adhering / Tested

NOVERGY Solar modules comply with IEC standards : IEC 61215 ; IEC 61730 (Part I & II) ; IEC 61701,
IEC 62716 : 2013 and MNRE requirements.

All components used of SOLAR Grade with GERMAN, AMERICAN, INTERNATIONAL STANDARDS and
suitable for Outdoor usage with UV, moisture and weather stability.





NOVERGY SOLAR MODULES

Now upto 415 wp available



Poly Perc Twin Cell Series
(72 Full Cells)
(335Wp to 360Wp)



MonoPerc Twin Cell Series
(72 Full Cells)
(375Wp to 415Wp)



Poly Crystalline Series
(72 Cells)
(300Wp to 350Wp)



Poly Crystalline Series
(60 Cells)
(250Wp to 295Wp)



Mono Crystalline Series
(72 Cells)
(350Wp to 385Wp)



Mono Crystalline Series
(60 Cells)
(250Wp to 315Wp)



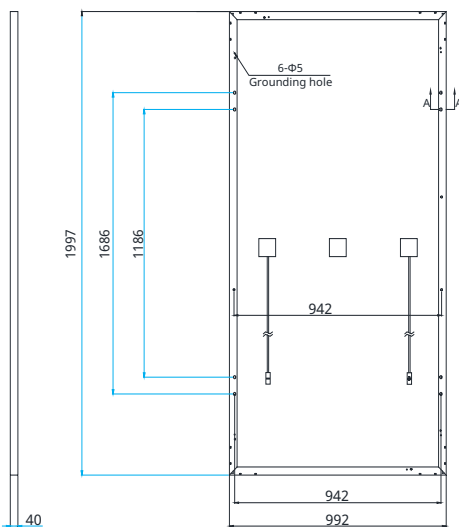
POLY PERC TWIN CELL SERIES

(72 Full Cells)

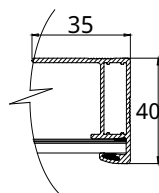
PCAL-TC-Series

Model	PCAL-TC-335	PCAL-TC-340	PCAL-TC-345	PCAL-TC-350	PCAL-TC-355	PCAL-TC-360
Type of cells	Poly Crystalline					
Numbers of cells	72 (Twin Cell)					
Wattage (Wp)	335	340	345	350	355	360
Voltage at max.power (Vmax)	38.2	38.4	38.6	39.2	39.4	39.6
Open Circuit Voltage (Voc)	45.7	45.9	46.1	46.6	46.8	47
Current at maximum power (Imax)	8.77	8.86	8.94	8.94	9.01	9.09
Short circuit current (Isc)	9.28	9.36	9.44	9.51	9.58	9.66
Frame	Anodized Aluminium Alloy					
Front Glass	Tempered 3.2 mm (Low iron solar glass)					
Junction Box	IP 68					
Cable	4 mm ² PV cable					
Connector	MC4 Series					
Number of Diode	3					
Dimensions (mm)	1997 x 992 x 40 mm					
Max Series fuse rating	30 A					
Weight (Kg)	22.5					
Operating temperature (Deg.C)	-40° C to + 85° C					
Application Class	Class A					
Maximum System Voltage	1500 VDC					
Temp. Coefficient's	Power = -0.35%/°C Voltage = - 0.31% /°C Current = +0.05% /°C					
NOCT	45 +/- 3°C					
Maximum Load	5400 Pa					

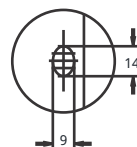
Rear View



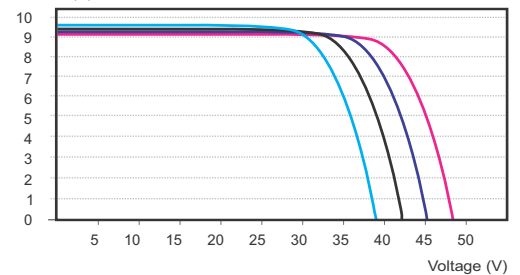
Frame Cross Section A-A



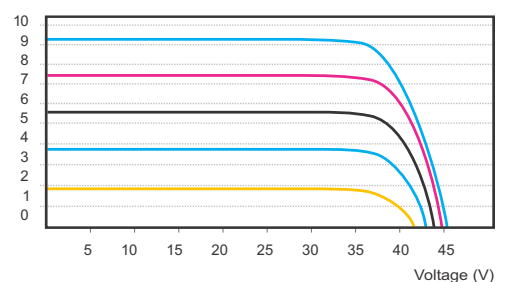
Mounting Hole



Current (A)



Current (A)



Specifications are subject to change without prior notice.



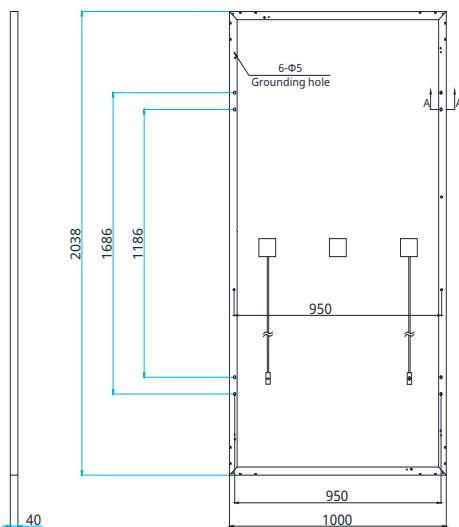
MONO PERC TWIN CELL SERIES

(72 Full Cells)

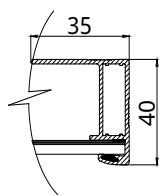
MCAL-TC-Series

Model	MCAL-TC-385	MCAL-TC-390	MCAL-TC-395	MCAL-TC-400	MCAL-TC-405	MCAL-TC-410	MCAL-TC-415
Type of cells	Mono Crystalline (PERC)						
Numbers of cells	72 (Twin Cell)						
Wattage (Wp)	385	390	395	400	405	410	415
Voltage at max.power (Vmax)	40.2	40.4	40.6	40.8	41.0	41.2	41.4
Open Circuit Voltage (Voc)	48.0	48.2	48.4	48.6	48.8	49.0	49.2
Current at maximum power (Imax)	9.58	9.66	9.73	9.80	9.88	9.95	10.02
Short circuit current (Isc)	10.09	10.17	10.25	10.33	10.41	10.50	10.57
Frame	Anodized Aluminium Alloy						
Front Glass	Tempered 3.2 mm (Low iron solar glass)						
Junction Box	IP 68						
Cable	4 mm ² PV cable						
Connector	MC4 Series						
Number of Diode	3						
Dimensions (mm)	2038 x 1000 x 40 mm						
Max Series fuse rating	30 A						
Weight (Kg)	22.5						
Operating temperature (Deg.C)	-40°C to +85°C						
Application Class	Class A						
Maximum System Voltage	1500 VDC						
Temp. Coefficient's	Power = -0.35%/°C Voltage = -0.29%/°C Current = +0.05%/°C						
NOCT	45 +/- 3° C						
Maximum Load	5400 Pa						

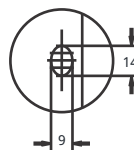
Rear View



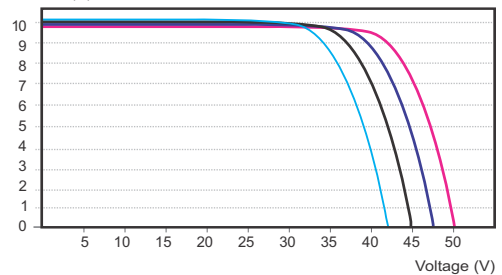
Frame Cross Section A-A



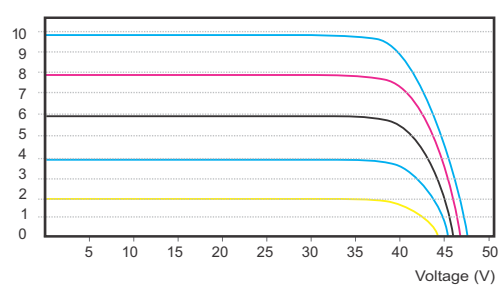
Mounting Hole



Current (A)



Current (A)



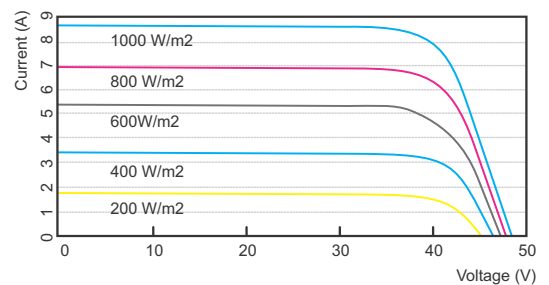
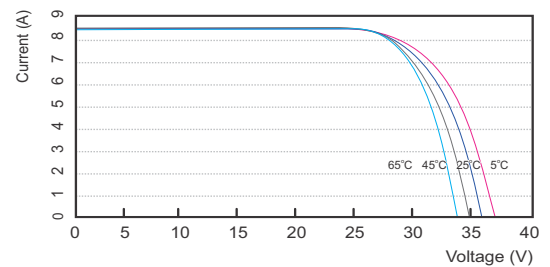
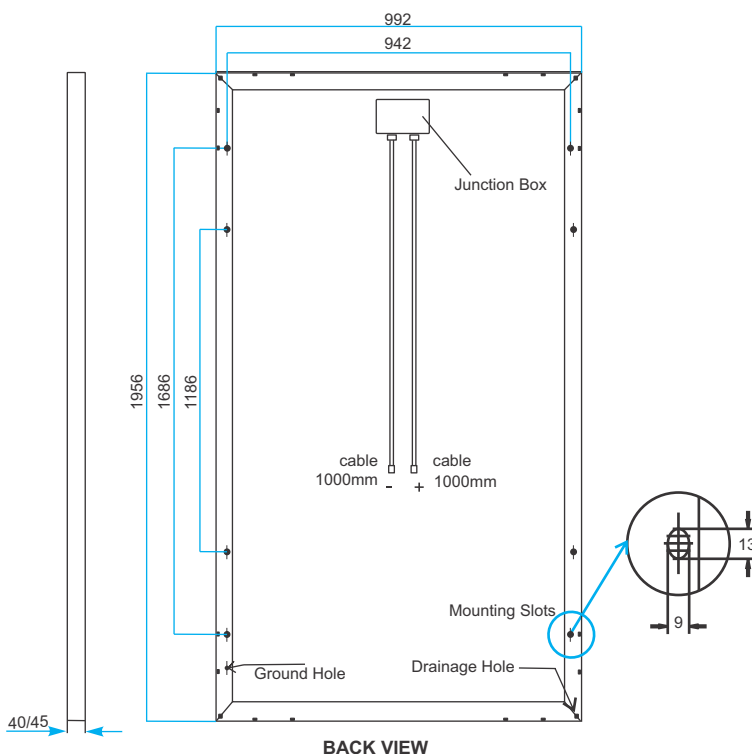
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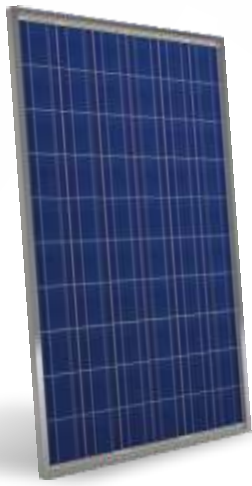
POLY CRYSTALLINE SERIES

72 Cell

Model	PCAL 300	PCAL 315	PCAL 320	PCAL 325	PCAL 330	PCAL 335	PCAL 340	PCAL 345	PCAL 350
Type of cells	6" Poly crystalline Silicon								
Number of cells	72								
Wattage (Wp)	300	315	320	325	330	335	340	345	350
Voltage at max. power (Vmax)	36.82	37.1	37.3	37.5	37.7	37.9	38.2	38.5	38.8
Open Circuit Voltage (Voc)	46.08	45.2	45.5	45.7	45.9	46.3	46.6	46.9	47.2
Current at maximum power (Imax)	8.15	8.49	8.58	8.67	8.75	8.84	8.90	8.96	9.02
Short circuit current (Isc)	8.53	9.19	9.26	9.32	9.35	9.39	9.44	9.49	9.56
Frame	Anodized Aluminium								
Front Glass	Tempered 3.2mm								
Junction box	IP67								
Cable	4mm ² PV Cable								
Connector	MC4								
Number of Diode	3								
Dimensions (mm)	1956 x 992 x 40 / 45								
Max Series fuse rating	15A								
Weight (kg)	22								
Operating temperature (Deg. C)	-40 to +85								
Application Class	Class A								
Maximum system voltage	1000 VDC								
Temp. Coefficients	Power = - 0.37% / °C			Voltage = - 0.31% / °C			Current = + 0.05% / °C		
NOCT	45 +/- 2 °C								
Maximum Load	5400 Pa								



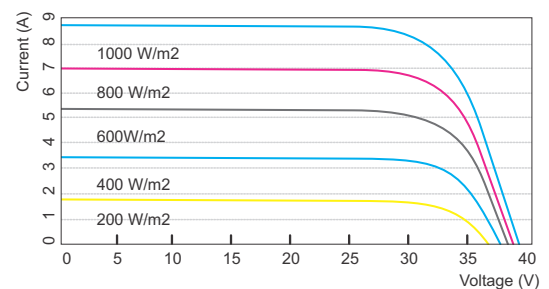
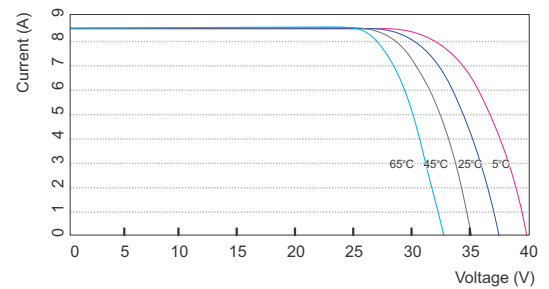
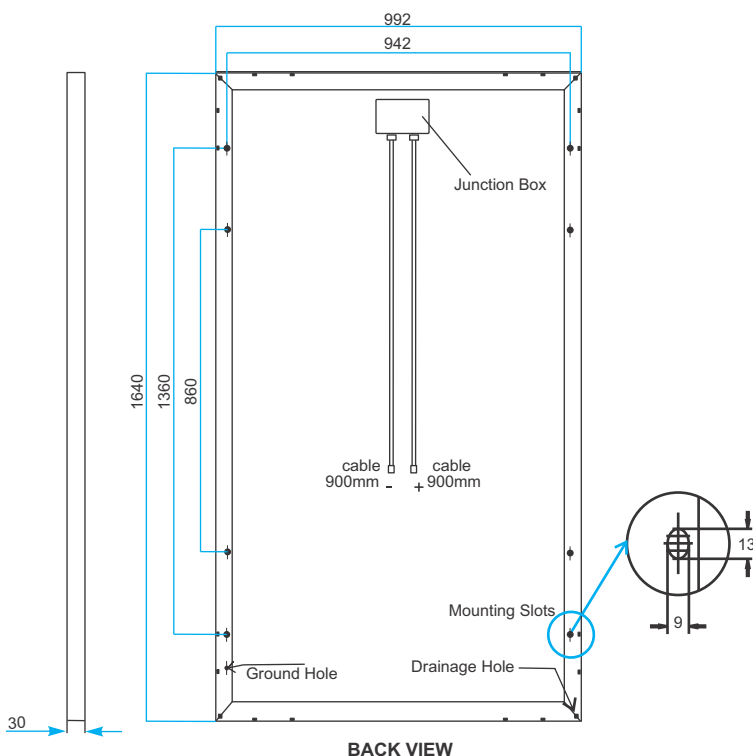
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POLY CRYSTALLINE SERIES

60 Cell

Model	PCA 250	PCA 265	PCA 270	PCA 275	PCA 280	PCA 285	PCA 290	PCA 295
Type of cells	6" Poly crystalline Silicon							
Number of cells	60							
Wattage (Wp)	250	265	270	275	280	285	290	295
Voltage at max. power (Vmax)	31.8	32.5	32.7	32.9	33.2	33.4	33.6	33.9
Open Circuit Voltage (Voc)	37.8	38.6	38.8	39.0	39.3	39.6	39.9	40.2
Current at maximum power (Imax)	7.86	8.15	8.26	8.36	8.43	8.53	8.63	8.70
Short circuit current (Isc)	8.25	8.54	8.65	8.74	8.85	8.96	9.06	9.17
Frame	Anodized Aluminium							
Front Glass	Tempered 3.2mm							
Junction box	IP67							
Cable	4mm ² PV Cable							
Connector	MC4							
Number of Diode	3							
Dimensions (mm)	1640 x 992 x 30							
Max Series fuse rating	15A							
Weight (kg)	17.8							
Operating temperature (Deg. C)	-40 to +85							
Application Class	Class A							
Maximum system voltage	1000 VDC							
Temp. Coefficients	Power = - 0.37% / °C Voltage = - 0.31% / °C Current = + 0.05% / °C							
NOCT	45 +/- 2 °C							
Maximum Load	5400 Pa							



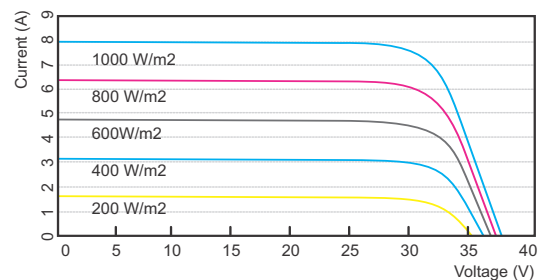
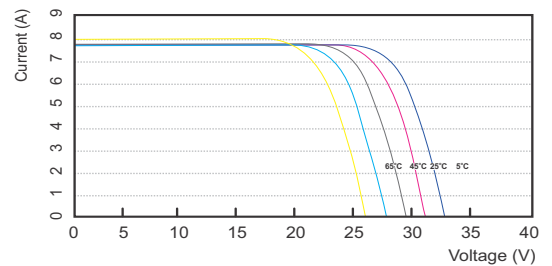
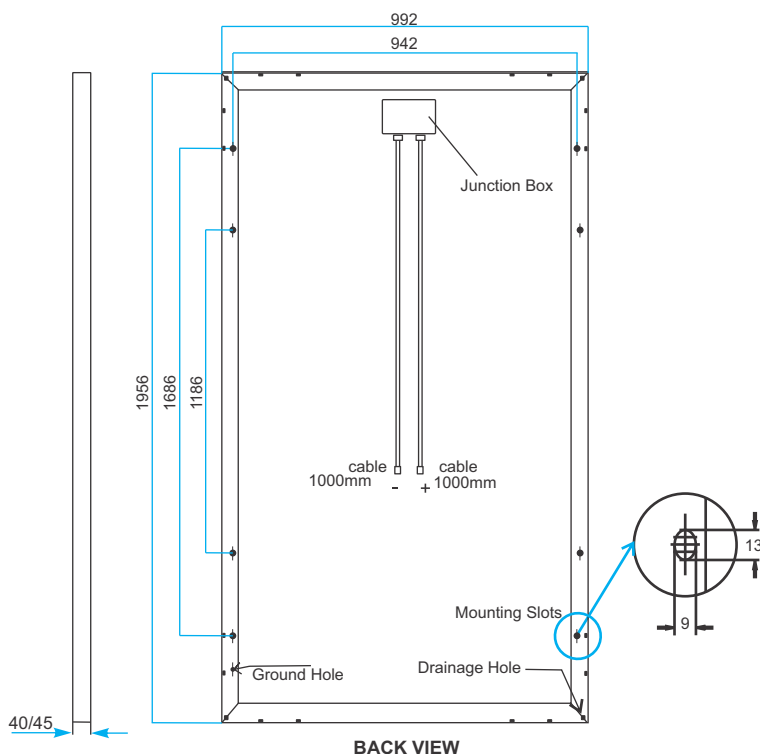
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MONO CRYSTALLINE SERIES

72 Cell

Model	MCAL 350	MCAL 355	MCAL 360	MCAL 365	MCAL 370	MCAL 375	MCAL 380	MCAL 385
Type of cells	6" Mono crystalline Silicon							
Number of cells	72							
Wattage (Wp)	350	355	360	365	370	375	380	385
Voltage at max. power (Vmax)	38.3	38.6	38.9	39.2	39.5	39.8	40.0	40.3
Open Circuit Voltage (Voc)	46.9	47.2	47.6	47.9	48.2	48.5	48.7	49
Current at maximum power (Imax)	9.14	9.20	9.25	9.31	9.38	9.44	9.50	9.56
Short circuit current (Isc)	9.64	9.72	9.78	9.85	9.91	9.98	10.05	10.11
Frame	Anodized Aluminium							
Front Glass	Tempered 3.2mm							
Junction box	IP67							
Cable	4mm ² PV Cable							
Number of Diode	MC4							
Connector	3							
Dimensions (mm)	1956 x 992 x 40 / 45							
Max Series fuse rating	15A							
Weight (kg)	22							
Operating temperature (Deg. C)	-40 to +85							
Application Class	Class A							
Maximum system voltage	1000 VDC							
Temp. Coefficients	Power = - 0.37% / °C		Voltage = - 0.31% / °C		Current = + 0.05% / °C			
NOCT	45 +/- 2 °C							
Maximum Load	5400 Pa							



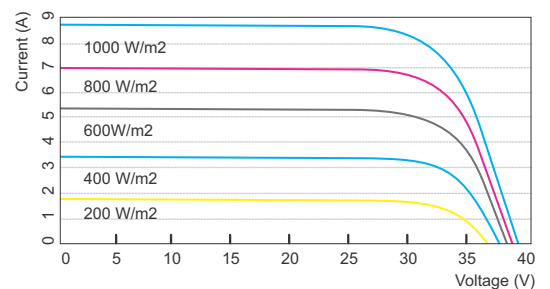
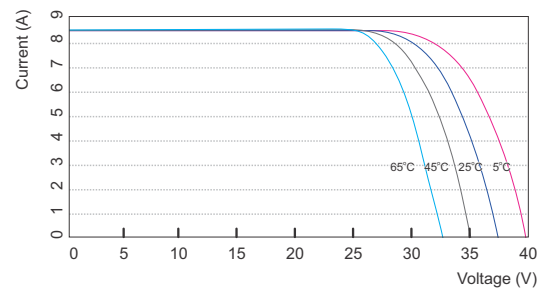
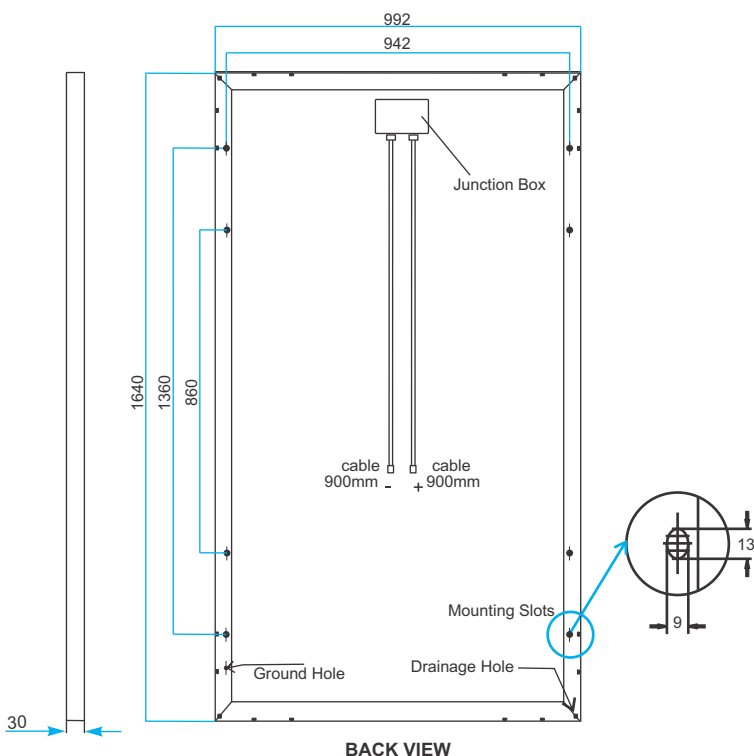
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MONO CRYSTALLINE SERIES

60 Cell

Model	MCA 250	MCA 265	MCA 285	MCA 290	MCA 295	MCA 300	MCA 305	MCA 310	MCA 315
Type of cells	6" Mono crystalline Silicon								
Number of cells	60								
Wattage (Wp)	250	265	285	290	295	300	305	310	315
Voltage at max. power (Vmax)	31.1	32.0	32.9	33.2	33.4	33.7	33.9	34.1	34.3
Open Circuit Voltage (Voc)	37.8	38.1	39.0	39.3	39.6	39.9	40.2	40.5	40.8
Current at maximum power (Imax)	8.04	8.28	8.66	8.73	8.83	8.90	9.00	9.09	9.18
Short circuit current (Isc)	8.14	8.33	8.74	8.85	8.96	9.05	9.16	9.27	9.38
Frame	Anodized Aluminium								
Front Glass	Tempered 3.2mm								
Junction box	IP67								
Cable	4mm ² PV Cable								
Connector	MC4								
Number of Diode	3								
Dimensions (mm)	1640 x 992 x 30								
Max Series fuse rating	15A								
Weight (kg)	17.8								
Operating temperature (Deg. C)	-40 to +85								
Application Class	Class A								
Maximum system voltage	1000 VDC								
Temp. Coefficients	Power = - 0.37% /°C			Voltage = - 0.31% /°C			Current = + 0.05% /°C		
NOCT	45 +/- 2 °C								
Maximum Load	5400 Pa								



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**To Get more Power and Greater Returns,
Contact Novergy Today!**

Write to enquiry@novergy.net
Visit us at novergysolar.com