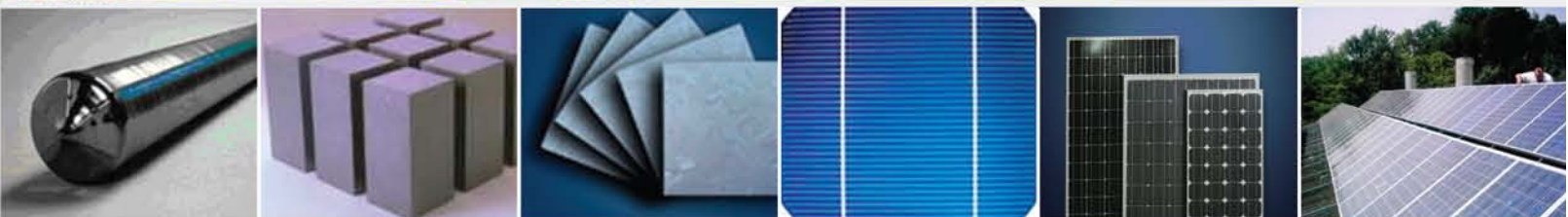




DONGYING PHOTOVOLTAIC POWER COMPANY LIMITED

We care for your future



A Member of EPIA



Product Catalog

www.cnpv-power.com



About **CNPV**^{POWER}

CNPV-China Solar Photovoltaic SA (NYSE Euronext: ALCNP), through its wholly-owned subsidiary China Photovoltaic Group Dongying Photovoltaic Power Company Limited, is a leading multi-product solar company with manufacturing operations in Dongying, PR China. CNPV produces ingots, wafers, cells and solar modules using state-of-the-art and innovative technologies to satisfy the needs of commercial and individual customers as well as the entire worldwide community.

With a strong presence in the solar industry, we design, manufacture and supply highly efficient and cost effective mono-crystalline and multi-crystalline solar photovoltaic modules with power output ranging from 160Wp to 300Wp. CNPV will achieve a production capacity from 160 MWp by the end of 2008 and increase to 300 MWp by the end of 2009.

CNPV has established long-term partnerships with well-recognized technology and equipment suppliers in Germany, USA, Japan, Switzerland, Italy and PR China. These partnerships are another quality guarantee for our end customers and enable us to work jointly towards a brighter future.

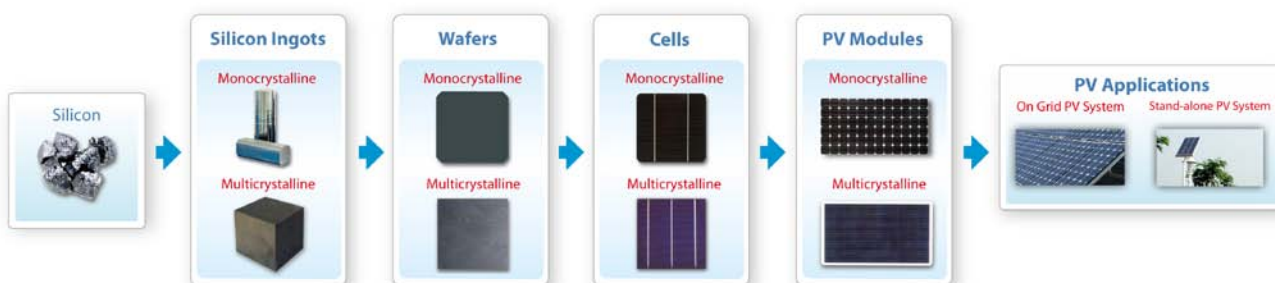
CNPV is backed by a number of well recognized investors from France, Luxemburg, Hongkong, Korea, and PR China, all of whom greatly contributed to the success of our Initial Public Offering (IPO) in the Alternext of Paris in NYSE Euronext on 14th, August, 2008.

Guided by an international management team from over 6 different countries with deep solar PV industry experience, CNPV has developed an international sales and marketing network with representative offices in PR China, Luxemburg, Hongkong and South Korea. We are dedicated to providing professional service and technical support to our customers all over the world.

To fulfill our commitment to providing renewable and clean energy to the whole world, CNPV builds reliability & longevity into its world-class crystalline solar photovoltaic modules. Our products undergo rigorous internal tests and external certifications (IEC61215, IEC61730, UL, and CE) to ensure peak performance and safety.

“We care for your future”- By always keeping this philosophy at the forefront, CNPV’s senior leadership team firmly believes in the benefits of solar power and remains committed to making long contributions toward a brighter and cleaner world.

CNPV is a young, dynamic and vibrant company in the challenging and growing PV landscape. It stands poised to emerge as one of the premier vertically integrated PV manufacturing companies. Its senior leadership remains committed developing the solar industry by fostering long term customer relationships. CNPV’s extensive quality supplier base ensures long term supplies of high quality materials that are crucial for manufacturing high efficiency solar photovoltaic modules warranted for 25 years.



In-Process Products at a glance...



Model Number: CNPV-200M to CNPV-250M

Power Range: 200Wp to 250Wp



Typical Electrical Characteristics							
Model Number	Unit	CNPV-200M	CNPV-210M	CNPV-220M	CNPV-230M	CNPV-240M	CNPV-250M
Rated Maximum Power-Pmax	Wp	200	210	220	230	240	250
Power Tolerance	%	±3	±3	±3	±3	±3	±3
Maximum Power Voltage-Vmp	V	28.6	29.2	29.8	30.3	30.8	31.0
Maximum Power Current-Imp	A	7.00	7.20	7.40	7.60	7.80	8.00
Open Circuit Voltage-Voc	V	36.0	36.4	36.8	37.2	37.6	37.8
Short Circuit Current-Isc	A	7.60	7.80	8.00	8.20	8.40	8.60
Maximum System Voltage-VDC	V	1000					
Encapsulated Solar Cell Efficiency-ηc	%	14.1	14.8	15.5	16.2	16.9	17.6
Module Efficiency-ηm	%	12.2	12.8	13.4	14.1	14.7	15.3
Solar Cell and Configuration		60 cells(156x156mm) in a 6x10 matrix connected in series					
Solar Cell Type & Size	mm	Mono Crystalline 156*156					
Cable Type, Diameter		4mm ² (12AWG), TÜV Certified					
Type of Connector		MC Type-4					
Junction Box		IP67, 1000VDC TUV & UL Certified					
Number of Bypass Diodes and Type		3Nos. Schottky By-pass diodes					
Maximum Series Fuse Rating	A	14					
Temperature Coefficient of Power	%/°C	- 0.45					
Temperature Coefficient of Voc	%/°C	- 0.35					
Temperature Coefficient of Isc	%/°C	0.05					
Nominal Operating Cell Temperature-NOCT	°C	47± 2					
Standard Test Condition	STC	STC:AM=1.5, 1000W/m ² , Cells Temperature 25°C					
Operating Temperature	°C	-40~+85					
Product Certifications		IEC 61215, IEC 61730 & CE					

Note: This publication summarizes product warranty and specifications, which are subject to change without notice. Additional information may be found on our web site: www.cnpv-power.com

SALIENT FEATURES

- ❖ Narrow Power Tolerance ±3%
- ❖ Plug & Play Connectors with MC-4
- ❖ High Transmission, Low Iron, Tempered Glass
- ❖ Schottky By-pass diodes
- ❖ Heavy Snow Load:5400Pa

WARRANTY

- ❖ Manufacturing:
 - ✓ 5 years
- ❖ Power production:
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

CERTIFICATIONS



High Performance Mono Crystalline SPV Module

Model Number: CNPV-200M to CNPV-250M
Power Range: 200Wp to 250Wp



Mechanical & Packaging Characteristics		
Dimension A*B*C	mm	1650*992*46
Installation Hole Dimension E*F	mm	990*941
Cable Length G	mm	1000
Weight	Kg	19.5
Number of Draining Holes in Frame		8
Construction		Super Strate:High transmission 3.20mm tempered low iron glass; Substrate:White Backsheet; Encapsulant:Fast Cure EVA
Frame		Clear anodized aluminum alloy type 6063T5; Color :Silver
Packing Configuration and Quantity per Pallet		20pcs per carton and one carton per pallet
Container Loading Capacity		520pcs per 40ft High Cubic Container; 240pcs per 20ft Container

SALIENT FEATURES

- ❖ Narrow Power Tolerance $\pm 3\%$
- ❖ Plug & Play Connectors with MC-4
- ❖ High Transmission, Low Iron, Tempered Glass
- ❖ Schottky By-pass diodes
- ❖ Heavy Snow Load:5400Pa

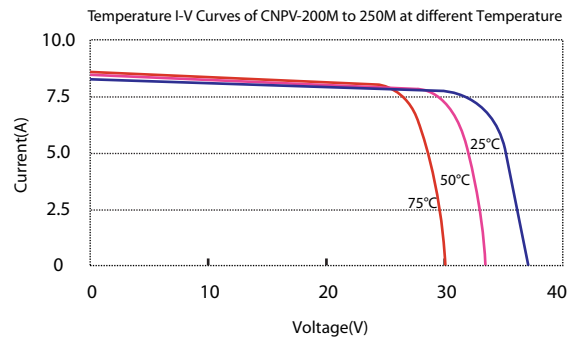
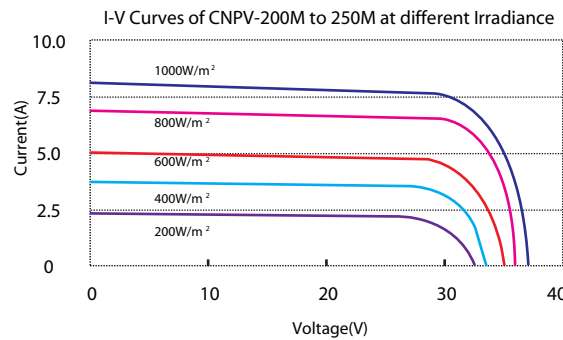
WARRANTY

- ❖ Manufacturing:
 - ✓ 5 years
- ❖ Power production:
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

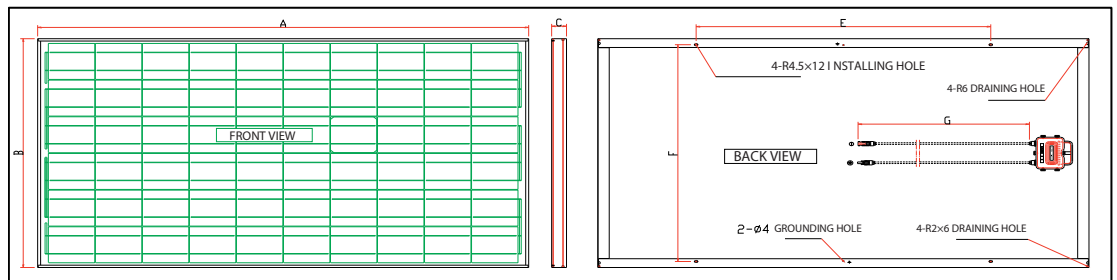
CERTIFICATIONS



I-V Characteristics at different Irradiances and Temperatures



Dimensional Characteristics



Note: This publication summarizes product warranty and specifications, which are subject to change without notice. Additional information may be found on our web site: www.cnpv-power.com



Model Number: CNPV-190P to CNPV-240P

Power Range: 190Wp to 240Wp



Typical Electrical Characteristics							
Model Number	Unit	CNPV-190P	CNPV-200P	CNPV-210P	CNPV-220P	CNPV-230P	CNPV-240P
Rated Maximum Power-Pmax	Wp	190	200	210	220	230	240
Power Tolerance	%	±3	±3	±3	±3	±3	±3
Maximum Power Voltage-Vmp	V	28.0	28.6	29.2	29.8	30.3	30.8
Maximum Power Current-Imp	A	6.80	7.00	7.20	7.40	7.60	7.80
Open Circuit Voltage-Voc	V	35.6	36.0	36.4	36.8	37.2	37.4
Short Circuit Current-Isc	A	7.40	7.60	7.80	8.00	8.20	8.40
Maximum System Voltage-VDC	V	1000					
Encapsulated Solar Cell Efficiency- η_c	%	13.0	13.7	14.4	15.1	15.8	16.4
Module Efficiency- η_m	%	11.6	12.2	12.8	13.4	14.1	14.7
Solar Cell and Configuration		60 cells(156x156mm) in a 6x10 matrix connected in series					
Solar Cell Type & Size	mm	Poly Crystalline 156*156					
Cable Type, Diameter		4mm ² (12AWG), TÜV Certified					
Type of Connector		MC Type-4					
Junction Box		IP67, 1000VDC TUV & UL Certified					
Number of Bypass Diodes and Type		3Nos. Schottky By-pass diodes					
Maximum Series Fuse Rating	A	14					
Temperature Coefficient of Power	%/°C	- 0.45					
Temperature Coefficient of Voc	%/°C	- 0.35					
Temperature Coefficient of Isc	%/°C	0.05					
Nominal Operating Cell Temperature-NOCT	°C	47± 2					
Standard Test Condition	STC	STC:AM=1.5, 1000W/m ² , Cells Temperature 25°C					
Operating Temperature	°C	-40~+85					
Product Certifications		IEC 61215, IEC 61730 & CE					

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SALIENT FEATURES

- ❖ Narrow Power Tolerance ±3%
- ❖ Plug & Play Connectors with MC-4
- ❖ High Transmission, Low Iron, Tempered Glass
- ❖ Schottky By-pass diodes
- ❖ Heavy Snow Load:5400Pa

WARRANTY

- ❖ Manufacturing:
 - ✓ 5 years
- ❖ Power production:
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

CERTIFICATIONS



High Performance Poly Crystalline SPV Module

Model Number: CNPV-190P to CNPV-240P
Power Range: 190Wp to 240Wp



Mechanical & Packaging Characteristics			
Dimension	A*B*C	mm	1650*992*46
Installation Hole Dimension	E*F	mm	990*941
Cable Length	G	mm	1000
Weight		Kg	19.5
Number of Draining Holes in Frame			8
Construction			Super Strate:High transmission 3.20mm tempered low iron glass; Substrate:White Backsheet; Encapsulant:Fast Cure EVA
Frame			Clear anodized aluminum alloy type 6063T5; Color :Silver
Packing Configuration and Quantity per Pallet			20pcs per carton and one carton per pallet
Container Loading Capacity			520pcs per 40ft High Cubic Container; 240pcs per 20ft Container

SALIENT FEATURES

- ❖ Narrow Power Tolerance $\pm 3\%$
- ❖ Plug & Play Connectors with MC-4
- ❖ High Transmission, Low Iron, Tempered Glass
- ❖ Schottky By-pass diodes
- ❖ Heavy Snow Load:5400Pa

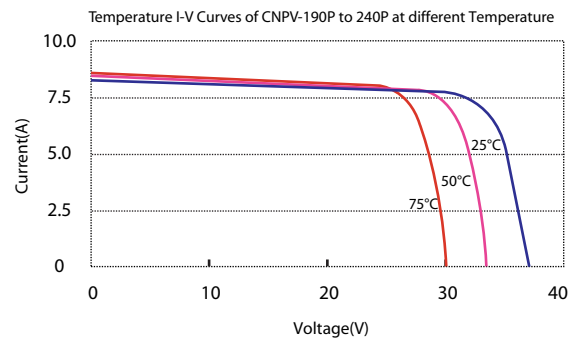
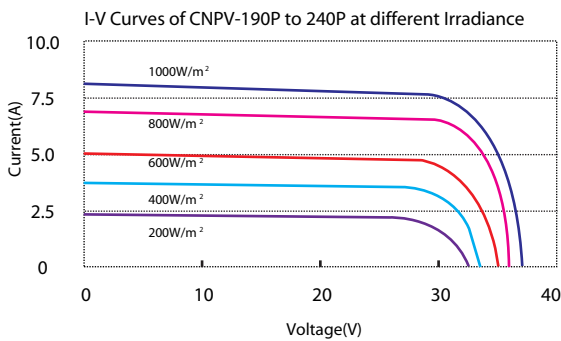
WARRANTY

- ❖ Manufacturing:
 - ✓ 5 years
- ❖ Power production:
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

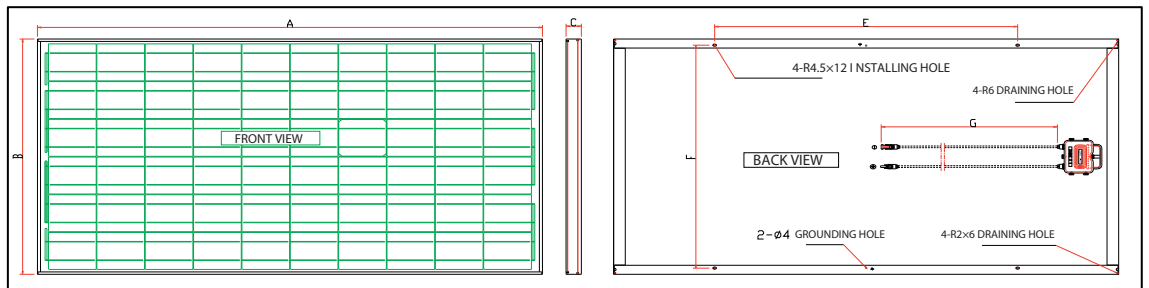
CERTIFICATIONS



I-V Characteristics at different Irradiances and Temperatures



Dimensional Characteristics



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High Performance Poly Crystalline SPV Module

Model Number: CNPV-160M to CNPV-185M
Power Range: 160Wp to 185Wp



Typical Electrical Characteristics							
Model Number	UOM	CNPV-160M	CNPV-165M	CNPV-170M	CNPV-175M	CNPV-180M	CNPV-185M
Rated Maximum Power-Pmax	Wp	160	165	170	175	180	185
Power Tolerance	%	±3	±3	±3	±3	±3	±3
Maximum Power Voltage-Vmp	V	34.5	35.2	35.8	36.6	37.2	37.8
Maximum Power Current-Imp	A	4.65	4.70	4.75	4.80	4.85	4.90
Open Circuit Voltage-Voc	V	43.0	43.4	43.8	44.2	44.6	45.0
Short Circuit Current-Isc	A	5.15	5.20	5.25	5.30	5.35	5.40
Maximum System Voltage-VDC	V	1000					
Encapsulated Solar Cell Efficiency-ηc	%	15.0	15.4	15.9	16.4	16.8	17.3
Module Efficiency-ηm	%	12.5	12.9	13.3	13.7	14.1	14.5
Solar Cell and Configuration		72 cells (125mm x 125mm) in a 6x12 matrix connected in series					
Solar Cell Technology & Size	mm	Mono Crystalline 125*125					
Cable Type, Diameter		4mm ² (12AWG), TÜV Certified					
Type of Connector		Type III or IV					
Junction Box		IP67, 1000VDC, TUV Certified					
Number of Bypass Diodes & Type		3 Nos, Schottky By-pass diodes					
Maximum Series Fuse Rating	A	9					
Temperature coefficient of Power	%/°C	- 0.45					
Temperature coefficient of Voc	%/°C	- 0.35					
Temperature coefficient of Isc	%/°C	0.05					
Nominal Operating Cell Temperature-NOCT	°C	47± 2					
Standard Test Conditions	STC	STC:AM=1.5, 1000W/m ² , Cells Temperature 25°C					
Operating Temperature	°C	-40~+85					
Product Certifications		IEC 61215, IEC 61730 & CE					

Note: This publication summarizes product warranty and specifications, which are subject to change without notice. Additional information may be found on our web site: www.cnpv-power.com

SALIENT FEATURES

- ❖ Narrow Power Tolerance ±3%
- ❖ Plug & Play Connectors with MC-4
- ❖ High Transmission, Low Iron, Tempered Glass
- ❖ Schottky By-pass diodes
- ❖ Heavy Snow Load:5400Pa

WARRANTY

- ❖ Manufacturing:
 - ✓ 5 years
- ❖ Power production:
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

CERTIFICATIONS



High Performance Mono Crystalline SPV Module



High Performance 72 Cell Mono Crystalline 125x125mm Solar Photovoltaic Module

Model Number: CNPV-160M to CNPV-185M

Power Range: 160Wp to 185Wp



Mechanical & Packaging Characteristics			
Dimension	A*B*C	mm	1581*809*40
Installation Hole Dimension	E*F	mm	948*754
Cable Length	G	mm	1000
Weight		Kg	15.5
Number of Draining Holes in the Frame			12
Construction			Super Strate: High transmission 3.2mm tempered low iron glass; Substrate: White Backsheet; Encapsulant: Fast Cure EVA
Frame			Clear anodized aluminum alloy type 6063T5; Color: silver
Packing Configuration and Quantity per Pallet			24 pcs per carton and One carton per pallet
Container Loading Capacity			672pcs per 40ft Container , 288pcs per 20ft Container

SALIENT FEATURES

- ❖ Narrow Power Tolerance $\pm 3\%$
- ❖ Plug & Play Connectors with MC-4
- ❖ High Transmission, Low Iron, Tempered Glass
- ❖ Schottky By-pass diodes
- ❖ Heavy Snow Load:5400Pa

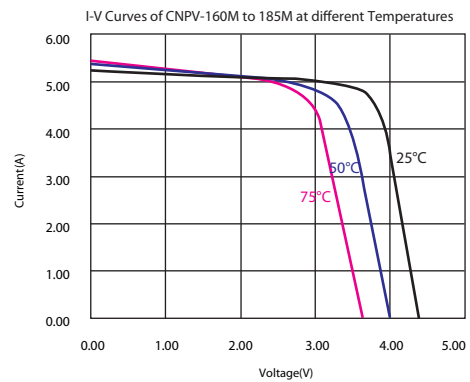
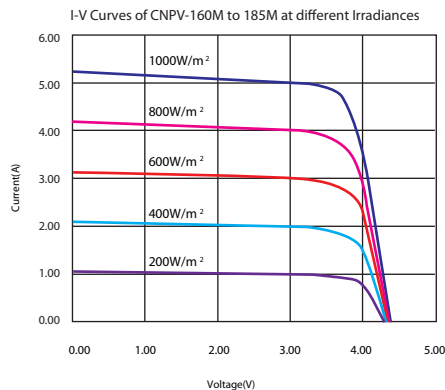
WARRANTY

- ❖ Manufacturing:
 - ✓ 5 years
- ❖ Power production:
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

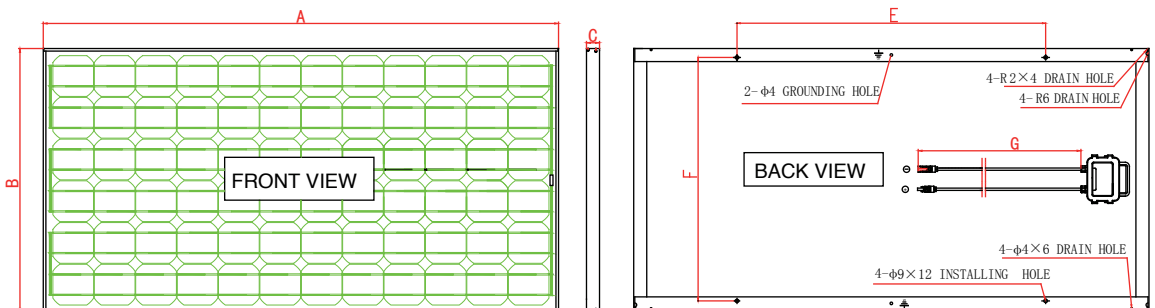
CERTIFICATIONS



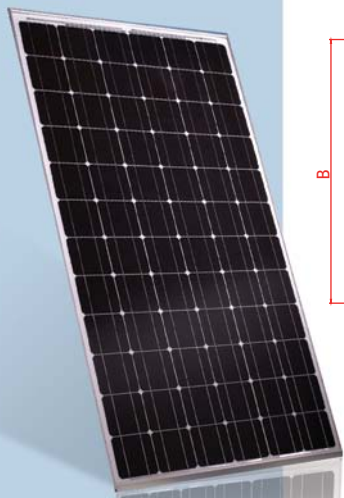
I-V Characteristics at different Irradiances and Temperatures



Dimensional Characteristics



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High Performance Mono Crystalline SPV Module



DONGYING PHOTOVOLTAIC POWER COMPANY LIMITED
www.cnpv-power.com

Model Number: CNPV-260M to CNPV-300M
Power Range: 260Wp to 300Wp

CNPV Launches New Product with Very High Power Range SPV Modules



Typical Electrical Characteristics

Model Number	UOM	CNPV-260M	CNPV-270M	CNPV-280M	CNPV-290M	CNPV-300M
Rated Maximum Power-Pmax	Wp	260	270	280	290	300
Power Tolerance	%	±3	±3	±3	±3	±3
Maximum Power Voltage-Vmp	V	36.1	36.5	36.9	37.2	37.5
Maximum Power Current-Imp	A	7.20	7.40	7.60	7.80	8.00
Open Circuit Voltage-Voc	V	43.4	43.8	44.2	44.6	45.0
Short Circuit Current-Isc	A	7.80	8.00	8.20	8.40	8.60
Maximum System Voltage-VDC	V	1000				
Encapsulated Solar Cell Efficiency-ηc	%	15.3	15.9	16.4	17.0	17.6
Module Efficiency-ηm	%	13.3	13.9	14.4	14.9	15.4
Solar Cell and Configuration		72 cells (156mm x 156mm) in a 6x12 matrix connected in series				
Solar Cell Technology & Size	mm	Mono Crystalline 156*156				
Cable Type, Diameter		4mm ² (12AWG), TÜV Certified				
Type of Connector		MC Type-4				
Junction Box		IP67, 1000VDC, TUV & UL Certified				
Number of Bypass Diodes & Type		3 Nos, Schottky By-pass diodes				
Maximum Series Fuse Rating	A	14				
Temperature coefficient of Power	%/°C	- 0.45				
Temperature coefficient of Voc	%/°C	- 0.35				
Temperature coefficient of Isc	%/°C	0.05				
Nominal Operating Cell Temperature-NOCT	°C	47± 2				
Standard Test Conditions	STC	STC:AM=1.5, 1000W/m ² , Cells Temperature 25°C				
Operating Temperature	°C	-40~+85				
Product Certifications		IEC 61215, IEC 61730 & CE				

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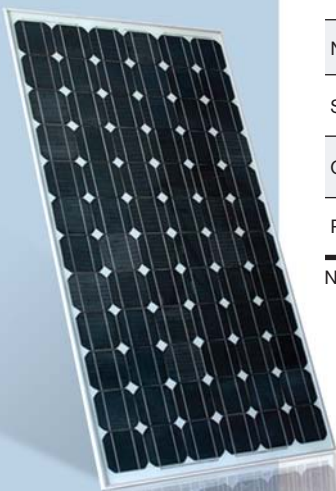
SALIENT FEATURES

- ❖ Narrow Power Tolerance ±3%
- ❖ Plug & Play Connectors with MC-4
- ❖ High Transmission, Low Iron, Tempered Glass
- ❖ Schottky By-pass diodes
- ❖ Heavy Snow Load:5400Pa

WARRANTY

- ❖ Manufacturing:
 - ✓ 5 years
- ❖ Power production:
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

CERTIFICATIONS



High Performance Mono Crystalline SPV Module



High Performance 72 Cell Mono Crystalline 156x156mm Solar Photovoltaic Module

Model Number: CNPV-260M to CNPV-300M
Power Range: 260Wp to 300Wp

CNPV Launches New Product with Very High Power Range SPV Modules



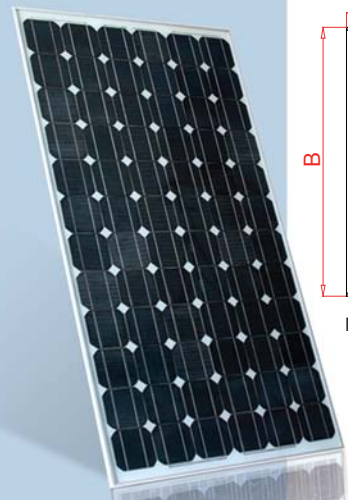
SALIENT FEATURES

- ❖ **Narrow Power Tolerance** $\pm 3\%$
- ❖ **Plug & Play Connectors with MC-4**
- ❖ **High Transmission, Low Iron, Tempered Glass**
- ❖ **Schottky By-pass diodes**
- ❖ **Heavy Snow Load: 5400Pa**

WARRANTY

- ❖ **Manufacturing:**
 - ✓ 5 years
- ❖ **Power production:**
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

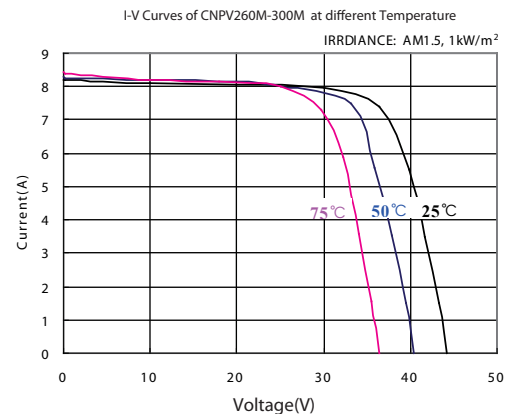
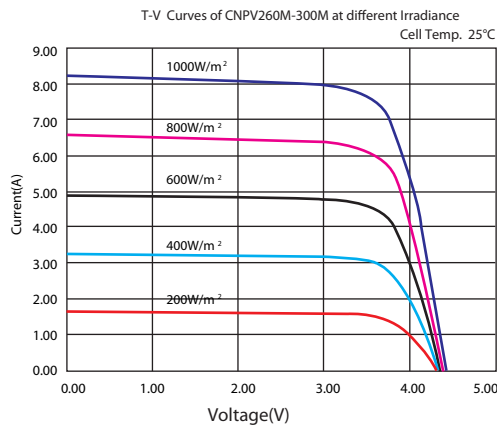
CERTIFICATIONS



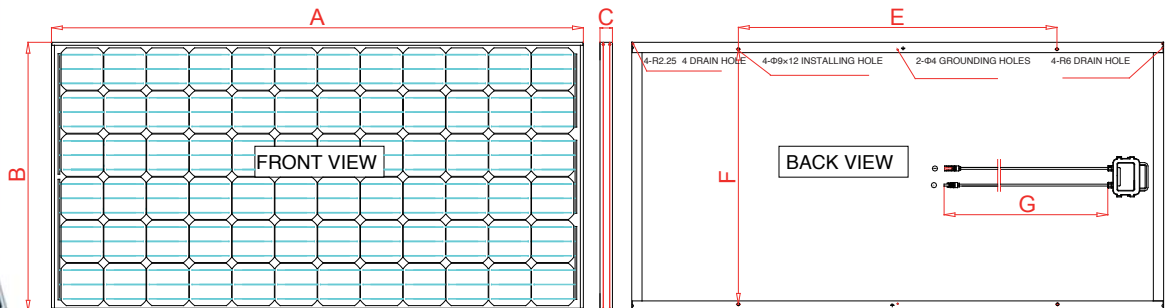
High Performance Mono Crystalline SPV Module

Mechanical & Packaging Characteristics			
Dimension	A*B*C	mm	1965*992*46
Installation Hole Dimension	E*F	mm	1177*941
Cable Length	G	mm	1000
Weight		Kg	25
Number of Draining Holes in the Frame			12
Construction			Super Strate: High transmission 3.2mm tempered low iron glass; Substrate: White Backsheet; Encapsulant: Fast Cure EVA
Frame			Clear anodized aluminum alloy type 6063T5; Color: silver
Packing Configuration and Quantity per Pallet			20 pcs per carton and One carton per pallet
Container Loading Capacity			440pcs per 40ft High Cubic Container; 200pcs per 20ft Container

I-V Characteristics at different Irradiances and Temperatures



Dimensional Characteristics



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Model Number: CNPV-250P to CNPV-290P
Power Range: 250Wp to 290Wp

CNPV Launches New Product with Very High Power Range SPV Modules



SALIENT FEATURES

- ❖ **Narrow Power Tolerance ±3%**
- ❖ **Plug & Play Connectors with MC-4**
- ❖ **High Transmission, Low Iron, Tempered Glass**
- ❖ **Schottky By-pass diodes**
- ❖ **Heavy Snow Load:5400Pa**

WARRANTY

- ❖ **Manufacturing:**
 - ✓ 5 years
- ❖ **Power production:**
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

CERTIFICATIONS



Typical Electrical Characteristics						
Model Number	UOM	CNPV-250P	CNPV-260P	CNPV-270P	CNPV-280P	CNPV-290P
Rated Maximum Power-Pmax	Wp	250	260	270	280	290
Power Tolerance	%	±3	±3	±3	±3	±3
Maximum Power Voltage-Vmp	V	35.8	36.2	36.6	36.9	37.2
Maximum Power Current-Imp	A	7.00	7.20	7.40	7.60	7.80
Open Circuit Voltage-Voc	V	43.4	43.8	44.2	44.6	45.0
Short Circuit Current-Isc	A	7.60	7.80	8.00	8.20	8.40
Maximum System Voltage-VDC	V	1000				
Encapsulated Solar Cell Efficiency-ηc	%	14.3	14.8	15.4	16.0	16.6
Module Efficiency-ηm	%	12.8	13.3	13.9	14.4	14.9
Solar Cell and Configuration		72 cells (156mm x 156mm) in a 6x12 matrix connected in series				
Solar Cell Technology & Size	mm	Poly Crystalline 156*156				
Cable Type, Diameter		4mm ² (12AWG), TÜV Certified				
Type of Connector		MC Type-4				
Junction Box		IP67, 1000VDC, TUV & UL Certified				
Number of Bypass Diodes & Type		3 Nos, Schottky By-pass diodes				
Maximum Series Fuse Rating	A	14				
Temperature coefficient of Power	%/°C	- 0.45				
Temperature coefficient of Voc	%/°C	- 0.35				
Temperature coefficient of Isc	%/°C	0.05				
Nominal Operating Cell Temperature-NOCT	°C	47± 2				
Standard Test Conditions	STC	STC:AM=1.5, 1000W/m ² , Cells Temperature 25°C				
Operating Temperature	°C	-40~+85				
Product Certifications		IEC 61215, IEC 61730 & CE				

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High Performance Poly Crystalline SPV Module



High Performance 72 Cell Poly Crystalline 156x156mm Solar Photovoltaic Module

Model Number: CNPV-250P to CNPV-290P
Power Range: 250Wp to 290Wp

CNPV Launches New Product with Very High Power Range SPV Modules



Mechanical & Packaging Characteristics

Dimension A*B*C	mm	1965*992*46
Installation Hole Dimension E*F	mm	1177*941
Cable Length G	mm	1000
Weight	Kg	25
Number of Draining Holes in the Frame		12
Construction		Super Strate: High transmission 3.2mm tempered low iron glass; Substrate: White Backsheet; Encapsulant: Fast Cure EVA
Frame		Clear anodized aluminum alloy type 6063T5; Color: silver
Packing Configuration and Quantity per Pallet		20 pcs per carton and One carton per pallet
Container Loading Capacity		440pcs per 40ft High Cubic Container; 200pcs per 20ft Container

SALIENT FEATURES

- ❖ Narrow Power Tolerance $\pm 3\%$
- ❖ Plug & Play Connectors with MC-4
- ❖ High Transmission, Low Iron, Tempered Glass
- ❖ Schottky By-pass diodes
- ❖ Heavy Snow Load: 5400Pa

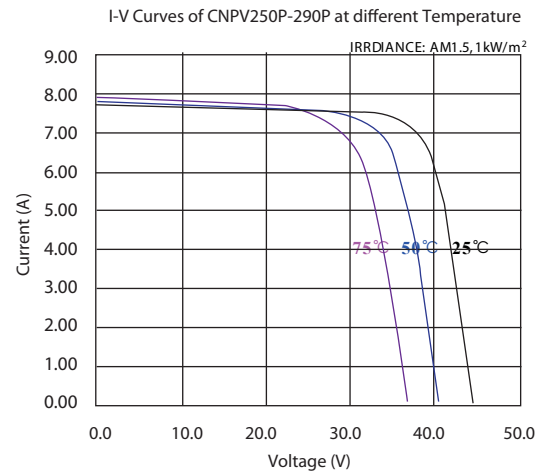
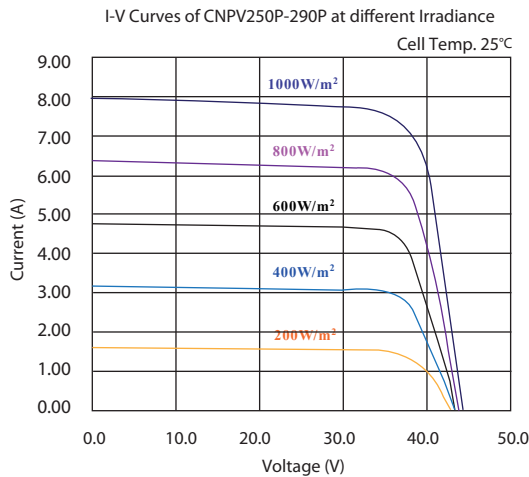
WARRANTY

- ❖ Manufacturing:
 - ✓ 5 years
- ❖ Power production:
 - ✓ 90% : 12 years
 - ✓ 80% : 25 years

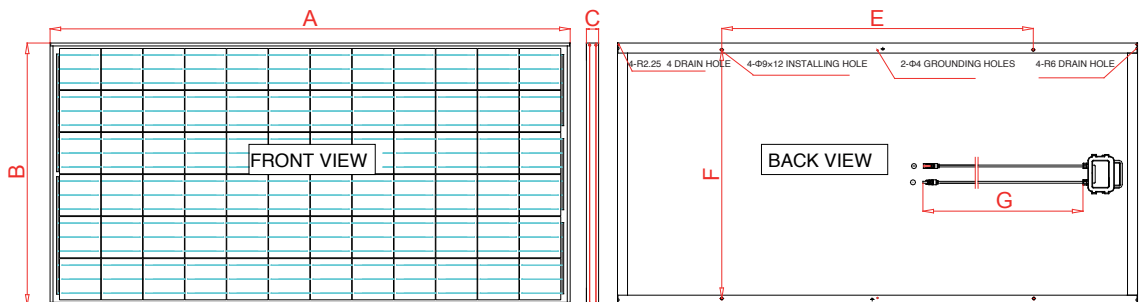
CERTIFICATIONS



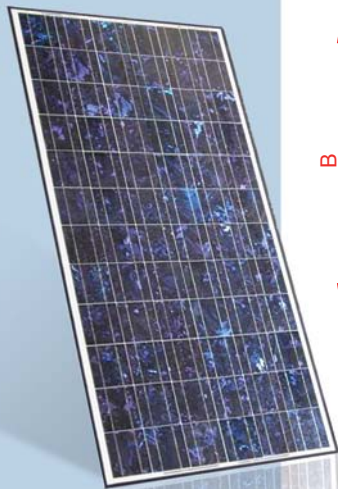
I-V Characteristics at different Irradiances and Temperatures



Dimensional Characteristics



Note: This publication summarizes product warranty and specifications, which are subject to change without notice. Additional information may be found on our web site: www.cnpv-power.com



High Performance Poly Crystalline SPV Module





**CE Declaration of Conformity
Declaración de Conformidad CE
CE Konformitätserklärung
Déclaration de Conformité CE
Dichiarazione di conformità CE**



Directive 2004/108/CE (EMC Directive), Directive 2006/95/CE (Low Voltage Directive)
Directiva 2004/108/CE (Directiva EMC), Directiva 2006/95/CE (Directiva Bajo Tensión)
Direktive 2004/108/CE (EMC Direktive), Direktive 2006/95/CE (Niedervoltdirektive)
Directive 2004/108/CE (Directive EMC), Directive 2006/95/CE (Directive Bas Voltage)
Direttiva 2004/108/CE (Direttiva EMC), Direttiva 2006/95/CE (Direttiva bassa Tensione)

Manufacturer/ Fabricante / Hersteller/ Fabricant / Produttore:

CNPV Dongying Photovoltaic Power Company Limited

Shengli Industry Park, Dongying City,
Shandong Province 257000, PR China

Declare under sole responsibility that the products / Declara bajo su responsabilidad que los siguientes productos / Erklären hiermit für folgende Produkte / déclarons sous notre entière responsabilité que les produits / dichiariamo sotto la nostra: Intera responsabilità che i prodotti:

Solar Photovoltaic Modules consisting of the model families / Módulos solares fotovoltaics de las familias / Solar Photovoltaik Module / der Produktreihen / Modules solaires photovoltaïques comprenant les familles / Moduli solari fotovoltaici delle famiglie:

- | | |
|--------------------------|-------------------------------------------------------------------------------------|
| 1. 72cell 125x125mm Mono | Crystalline Solar Photovoltaic Modules from 160Wp to 185Wp,(CNPV-160M to CNPV-185M) |
| 2. 72cell 125x125mm Poly | Crystalline Solar Photovoltaic Modules from 155Wp to 180Wp,(CNPV-155P to CNPV-180P) |
| 3. 72cell 156x156mm Mono | Crystalline Solar Photovoltaic Modules from 260Wp to 300Wp,(CNPV-260M to CNPV-300M) |
| 4. 72cell 156x156mm Poly | Crystalline Solar Photovoltaic Modules from 250Wp to 290Wp,(CNPV-250P to CNPV-290P) |
| 5. 60cell 156x156mm Mono | Crystalline Solar Photovoltaic Modules from 200Wp to 250Wp,(CNPV-200M to CNPV-250M) |
| 6. 60cell 156x156mm Poly | Crystalline Solar Photovoltaic Modules from 200Wp to 240Wp,(CNPV-200P to CNPV-240P) |
| 7. 36cell 125x125mm Mono | Crystalline Solar Photovoltaic Modules from 010Wp to 095Wp,(CNPV-010M to CNPV-095M) |
| 8. 36cell 125x125mm Poly | Crystalline Solar Photovoltaic Modules from 010Wp to 090Wp,(CNPV-010P to CNPV-090P) |
| 9. 36cell 156x156mm Mono | Crystalline Solar Photovoltaic Modules from 120Wp to 145Wp,(CNPV-120M to CNPV-145M) |
| 10.36cell 156x156mm Poly | Crystalline Solar Photovoltaic Modules from 115Wp to 140Wp,(CNPV-115P to CNPV-140P) |

Fulfill the requirements of the standards in effect on the data of this declaration/ Cumplen los requisitos estándares en vigor en fecha de esta declaración / Die Erfüllung folgender Standards ab Zeitpunkt der Unterzeichnung dieses Documents / Répondent, à la date de cette déclaration, aux exigences des standards en vigueur / Rispondono, questa date alle dichiarazioni, e alle esigenze degli standard in vigore:

EN 50082-1-(2)	EN 61140	EN 61000-6-1
EN 50061-1-(2)	EN 60664	EN 61000-6-3
EN 50178		IEC 60270

and therefore correspond to the regulations of the EC directives / Y por tanto, se corresponden con las regulaciones de las directivas CE / Und deshalb, übereinstimmend mit den Bestimmungen der EC Richtlinien / Et ainsi correspondent aux réglementations relatives aux directives CE / E così corrispondono alle regolamentazioni emesse dalle direttive CE: 89/336/EEC, 73/23/EEC, 93/68/EEC

Date that CE Marking first affixed: 2006 / Fecha en la que el Marcaje CE se fijó por primera vez: 2006 / Datum der ersten Ausstellung der CE Kennzeichnung: 2006 / Première date d'apposition du label CE: 2006 / Prima data nella quale il marchio CE è stata depositato: 2006.

Signed:

Name: B Veerraju Chaudary
Job Title: Chief Technology & Operating Officer (CTO & COO)
Date: 21st August 2008
Place: Dongying City, Shandong Province, PR China



Certificate

Registration No.: PV 60023041

Page 1

Report No.: 21208003

License Holder:

China Photovoltaic Group Dongying Photovoltaic Power Company Limited
Shengli (Victory) Industry Park
Dongying City, Shandong Province 257000
P.R.China

Product:

PV Module
Type: CNPV-160M, CNPV-165M,
CNPV-170M, CNPV-175M,
CNPV-180M, CNPV-185M.

Manufacturing Plant:

China Photovoltaic Group Dongying Photovoltaic Power Company Limited
Shengli (Victory) Industry Park
Dongying City, Shandong Province 257000
P.R.China

Basis:

EN 61215:2005

"Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval"

Factory Inspection

To document the consistent quality of the product factory inspections are performed periodically.



- Qualified, IEC 61215
- Periodic Inspection

Remarks:
The details of the factory inspection are documented in report no. 153103415

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.
The certificate has a validity of 5 years counting from date of issue.

Cologne, 22 October 2008

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Cologne



BEIJING HANGXIE CERTIFICATION CENTER
**QUALITY MANAGEMENT SYSTEM
CERTIFICATION**

Dongying Photovoltaic Power Company Limited

Shengli (Victory) Industry Park, Dongying City, Shandong Province, China P.C. 257000

is in conformity with

GB/T 19001-2000 (ISO 9001:2000)

This certificate is covering the following product scope

Design, production and service of Solar Module

Registration No. 03406010302R0S

The Duration of Validity : Aug. 14, 2006 — Aug. 13, 2009

Exchange Certificate Date: Oct.10, 2008

First supervision audit	second supervision audit	third supervision audit

Twelve months later since the issue of the certificate, it should be used with annually supervision audit stamp.

Specific information could be inquired on: www.shxcc.com.cn

Director: BEIJING HANGXIE
CERTIFICATION CENTER



MANAGEMENT SYSTEM
CNAS CO34-Q

Address : NO.7 Jingshun Road,Chaoyang District,Beijing,China.



www.cnpv-power.com



We care for your future



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