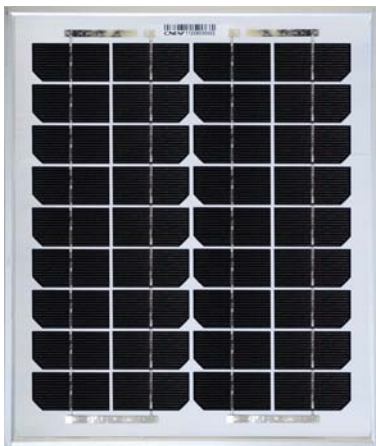


Typical Electrical Characteristics

Model Number	UOM	CNPV-10M[P]	CNPV-10M[S]
Rated Maximum Power-Pmax	Wp	10	10
Maximum Power Voltage-Vmp	V	18.0	18.0
Maximum Power Current-Imp	A	0.56	0.56
Open Circuit Voltage-Voc	V	22.5	22.5
Short Circuit Current-Isc	A	0.62	0.62
Maximum System Voltage-VDC	V	1000	1000
Encapsulated Solar Cell Efficiency-ηc	%	14.4	14.4
Solar Cell and Configuration		36 cells in a 4×9 matrix connected in series	
Solar Cell Technology & Size	mm	Mono Crystalline 31.25×62.5 mm	
Junction Box		IP65,1000VDC, TÜV certified	
Number of Bypass Diodes & Type		2 Nos, Schottky By-pass diodes	
Maximum Series Fuse Rating	A	1	
Temperature coefficient of Power	%/°C	-0.40	
Temperature coefficient of Voc	%/°C	-0.30	
Temperature coefficient of Isc	%/°C	0.05	
Nominal Operating Cell Temperature-NOCT	°C	45 ±2	
Standard Test Conditions	STC	STC: AM=1.5, 1000W/m ² , Cells Temperature 25°C	
Operating Temperature	°C	-40--+85	
Product Certifications		IEC61215, IEC61730 & CEC LISTED	



[P]



[S]

SALIENT FEATURES

- 3% Positive Tolerance
- Superior Packing Density
- 100% Electro Luminescence
- Unique Frame
- PID Free
- Mechanical Strength-8000 Pa
- International Bankability
- 5 years Workmanship Warranty
- 20 years Power Warranty

CERTIFICATIONS



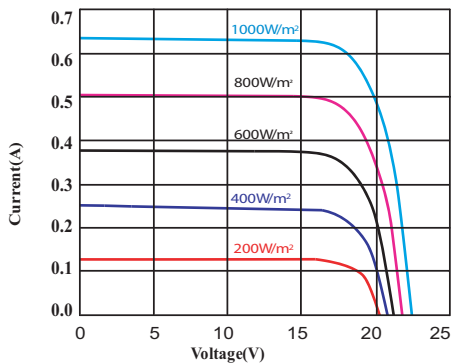
High Performance 36 Cut Cell Mono Crystalline Solar Photovoltaic Module

Mechanical & Packaging Characteristics

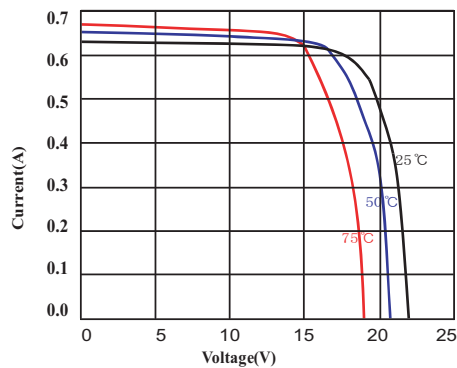
Dimensions A×B×C	mm	357×303×35
Installation Hole Dimension E×F	mm	214×258
Weight	Kg	2
Number of Draining Holes in the Frame		4
Construction		Superstrate: High transmission 3.2mm tempered low iron glass; Substrate:White Back Sheet; Encapsulant: Fast Cure EVA
Frame		Clear anodized aluminium alloy type 6063T5; Color:silver
Packing Configuration and Quantity per Pallet		1 pcs per carton and 264 pcs/pallet
Container Loading Capacity		7392 pcs per 40 ft container; 3168 pcs per 20 ft container

I-V Characteristics at different Irradiances and Temperatures

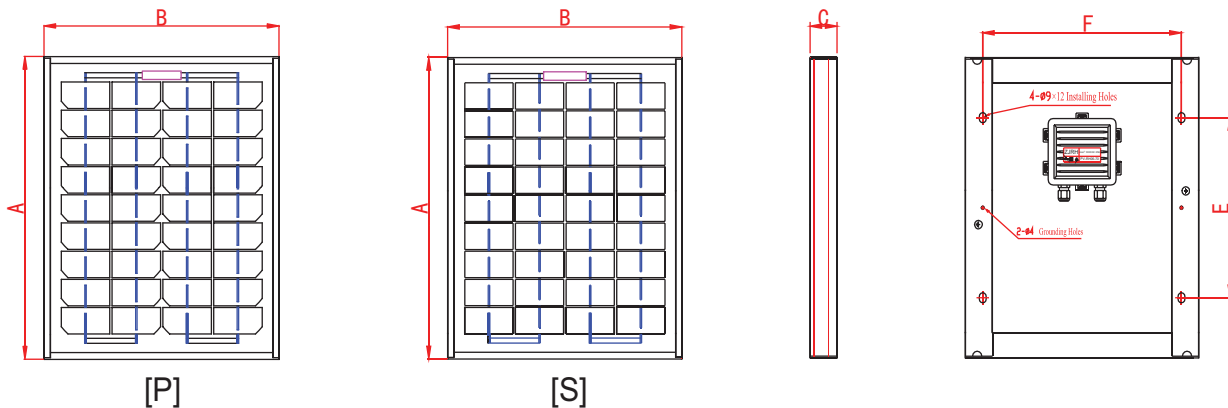
I-V Curves of CNPV-10M at different Irradiances
Cell Temp.:25°C



I-V Curves of CNPV-10M at different cell Temperatures
IRRADIANCE: AM 1.5, 1000W/m²



Dimensional Characteristics



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