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EnergyPal

Solar Panel Guide Specification Data Sheet

**Cetesolar Co., Ltd.
Cetesolar 72 340-360W Mono
CS340M-72**

Also available on the web at
EnergyPal.com/cetesolar-co-ltd-solar-panels/cs340m-72

STANDARD MODULE

(ALL BLACK MODULE IS OPTIONAL)



Cetesolar 72

340-360 Watt

MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.
IEC61215、IEC61730 certified products.

(4BB)
or
(5BB)



KEY FEATURES



4 or 5 Busbar Solar Cell:

5 busbar cell design improves module efficiency and offers better aesthetic appearance for rooftop installation.



High Efficiency:

Higher module conversion efficiency (up to 18.55%) benefit from Passivated Emmitter Rear Contact (PERC) technology.



PID RESISTANT:

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance:

Advanced glass and cell surface texture design ensure excellent performance in low-light environment.



Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

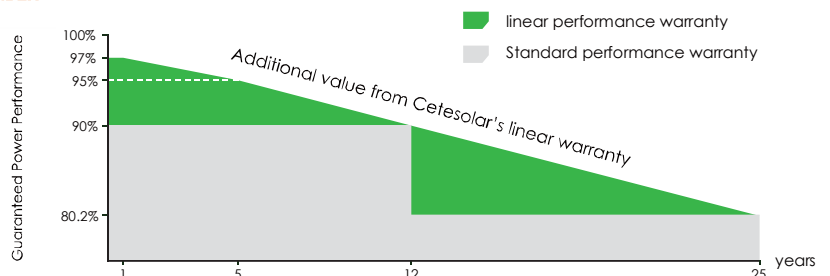


Durability against extreme environmental conditions:

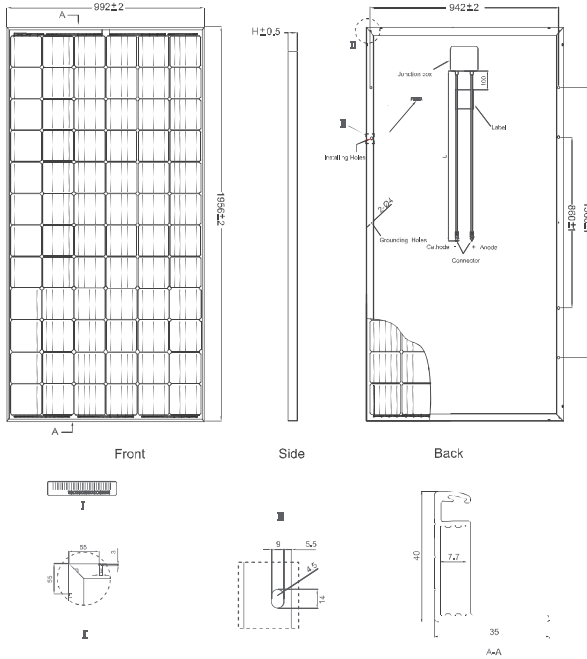
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

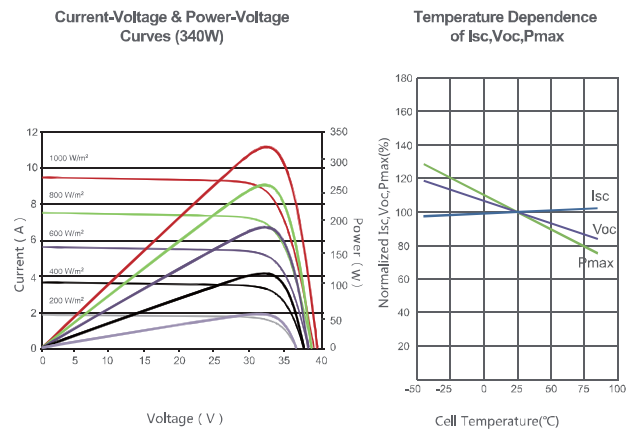


Packaging Configuration

(Two pallets = One stack)

26pcs/pallet , 52pcs/stack, 624 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono-crystalline PERC	156×156mm (6 inch)
No. of cells	72 (6×12)	
Dimensions	1956×992×40mm (77.01×39.05×1.57 inch)	
Weight	26.5 kg (58.4 lbs)	
Front Glass	4.0mm, High Transmission, Low Iron, Tempered Glass	
Frame	Anodized Aluminium Alloy	
Junction Box	IP67 Rated	
Output Cables	TÜV 1×4.0mm²; Length:900mm or Customized Length	

SPECIFICATIONS

Module Type	CS340M-72		CS345M-72		CS350M-72		CS355M-72		CS360M-72	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	340Wp	254Wp	345Wp	258Wp	350Wp	262Wp	355Wp	266Wp	360Wp	270Wp
Maximum Power Voltage (Vmp)	38.7V	36.8V	38.9V	37.0V	39.1V	37.2V	39.3V	37.5V	39.5V	37.7V
Maximum Power Current (Imp)	8.79A	6.89A	8.87A	6.98A	8.94A	7.05A	9.04A	7.09A	9.12A	7.17A
Open-circuit Voltage (Voc)	47.1V	45.5V	47.3V	45.8V	47.5V	46.0V	47.8V	46.2V	48.0V	46.5V
Short-circuit Current (Isc)	9.24A	7.33A	9.31A	7.38A	9.38A	7.46A	9.45A	7.54A	9.51A	7.61A
Module Efficiency STC (%)	17.52%		17.78%		18.04%		18.30%		18.55%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	15A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.39%/°C									
Temperature coefficients of Voc	-0.29%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: ± 3%

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