For a Free Quote:
Web: **EnergyPal.com/solar**
Call: **1-800-990-3725**
Email: **contact@energypal.com**

Solar Panel Guide
Specification Data Sheet

Changtian (Jiangsu) New Energy Engineering Co., Ltd
CT-HS275M
CH-HS275M

Also available on the web at
EnergyPal.com/changtian-jiangsu-new-energy-engineering-co-ltd-solar-panels/ch-hs275m

www.chinactsolar.com

CHANG TIAN NEW ENERGY

*Building **Your Trust** in Solar*

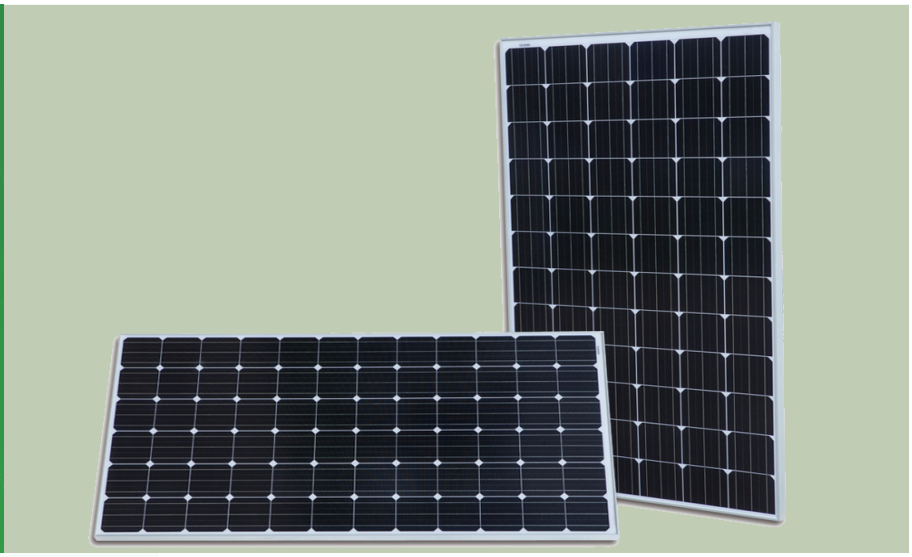
CT-HS275M

255-275 Watt

MONO SOLAR PANEL

0/+3% Tolerance

ISO9001:2008、ISO14001:2004、OHSAS18001
IEC61215、 IEC61730



MODULE FEATURE

High efficiency:
Strict quality control to make module efficiency up to 16.8%

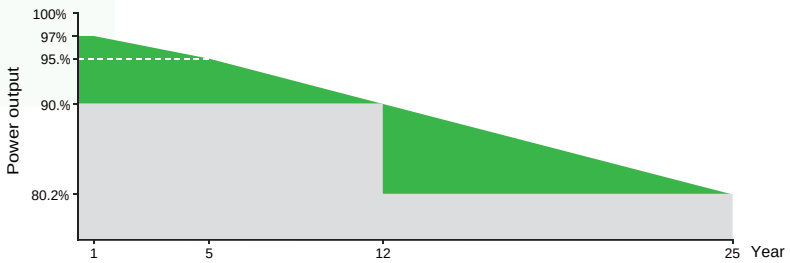
Low light performance
High transparent low iron tempered glass and effective cells to make modules can be used at low light condition

Load Capacity
The whole module passed 2400Pa of wind load and 5400Pa of snow load capacity

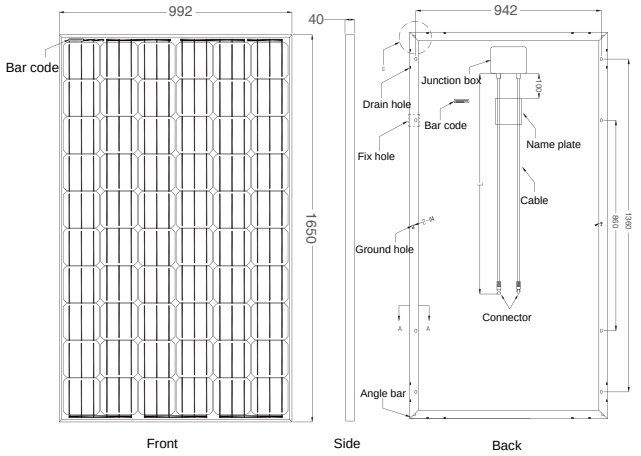
Harsh environment adaptability
Passed the test of salt spray resistance by TUV

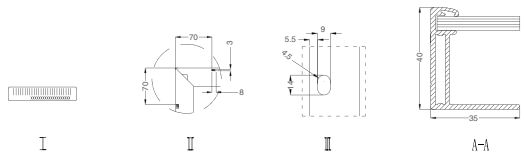
Industrial Liner Warranty

10 years products warranty ,25years power guaranty



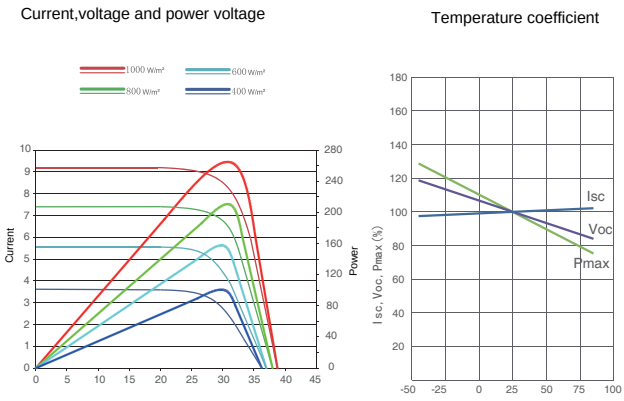
Product Appearance





Power measurement tolerance: ± 3%

Liner Graph



Physical Data

Cell Tech.	mono 156*156(6in.)
No. of Cells	60 (6×10)
Module Size	1650×992×40mm (65.00×39.05×1.57 in.)
Module Weight	19.0kgs/41.9lb
Front Glass	3.2mm ,high transparent,low iron,tempered
Frame	Anodized aluminum alloy
Junction Box	IP67
Connector	4.0mm2/900mm

Electrical Data

Module	CH-HS255M		CH-HS260M		CH-HS265M		CH-HS270M		CH-HS275M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	255Wp	189Wp	260Wp	193Wp	265Wp	197Wp	270Wp	201Wp	275Wp	205Wp
Maximum Power Voltage(Vmpp)	30.8V	28.6V	30.9V	28.7V	31.2V	29.0V	31.4V	29.3V	31.6V	29.6V
Maximum Power Current(Impp)	8.28A	6.60A	8.42A	6.71A	8.50A	6.78A	8.60A	6.85A	8.70A	6.93A
Open Circuit Voltage(Voc)	37.8V	35.0V	37.9V	35.1V	38.2V	35.4V	38.4V	35.6V	38.5V	36.0V
Short circuit Current(Isc)	8.96A	7.21A	9.10A	7.32A	9.19A	7.39A	9.28A	7.45A	9.40A	7.54A
Module Efficiency at STC(%)	15.58%		15.89%		16.19%		16.50%		16.80%	
OperatingTemperature	-40℃~+85℃									
Maximum System Voltage	1000VDC (IEC)									
Maximum Series Fuse Rate	15A									
Power Tolerance	0~+3%									
Temperature coefficients of Pmax	-0.41%/℃									
Temperature coefficients of Voc	-0.29%/℃									
Temperature coefficients of Isc	0.04%/℃									
NOCT	45±2℃									

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