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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Camel Solar Energy (Dalian) Co., Ltd.**

**CSE-P5C2-60-DB2**

**CSE-P5C2-60-DB2-275**

Also available on the web at

[EnergyPal.com/camel-solar-energy-dalian-co-ltd-solar-panels/cse-p5c2-60-db2-275](http://EnergyPal.com/camel-solar-energy-dalian-co-ltd-solar-panels/cse-p5c2-60-db2-275)

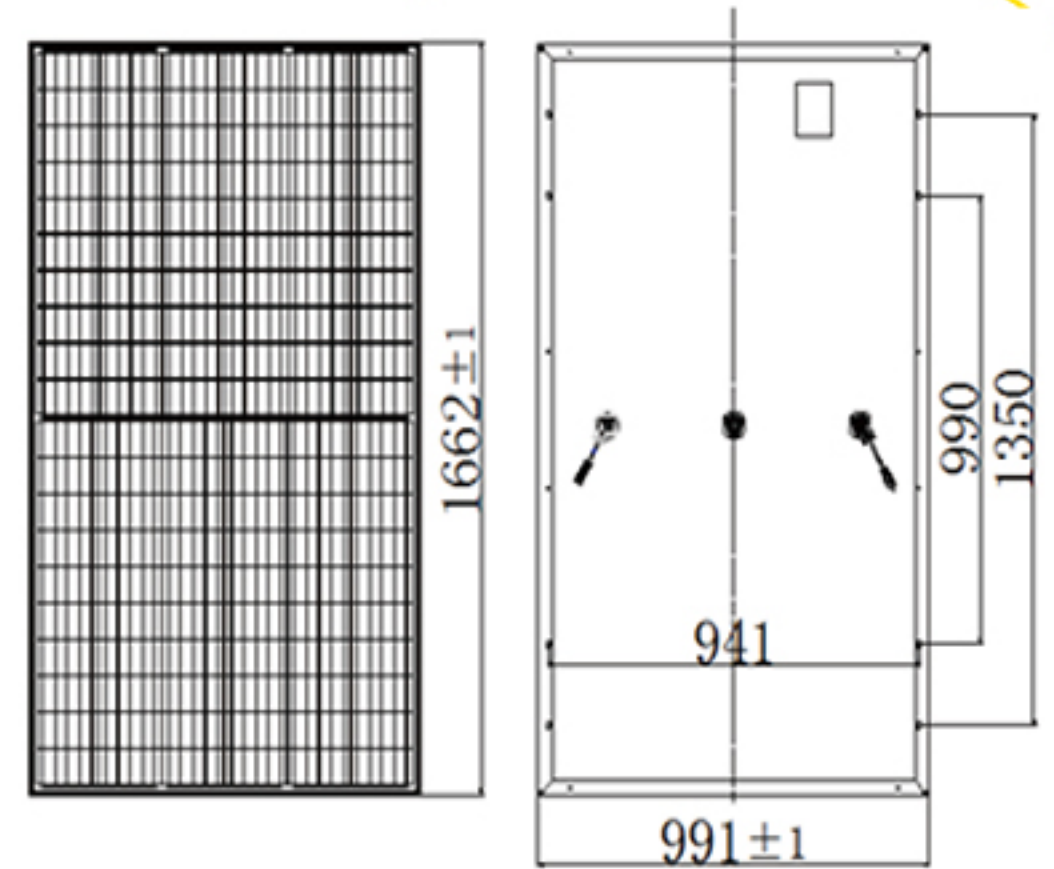


# 骆驼绿色电力科技(大连)有限公司

## CSE-P5C2-60-DB2

### MECHANICAL PARAMETERS

Cell(mm)	156.75x78.375
Weight(kg)	22
Dimensions(LxWxH)(mm)	1662x991x35
Cable Length(mm)	75+275
Cable cross section size (mm <sup>2</sup> )	4
Qty of cells	120(10x12)
Qty of diodes	3
Packing configuration	30 pcs / Pallet

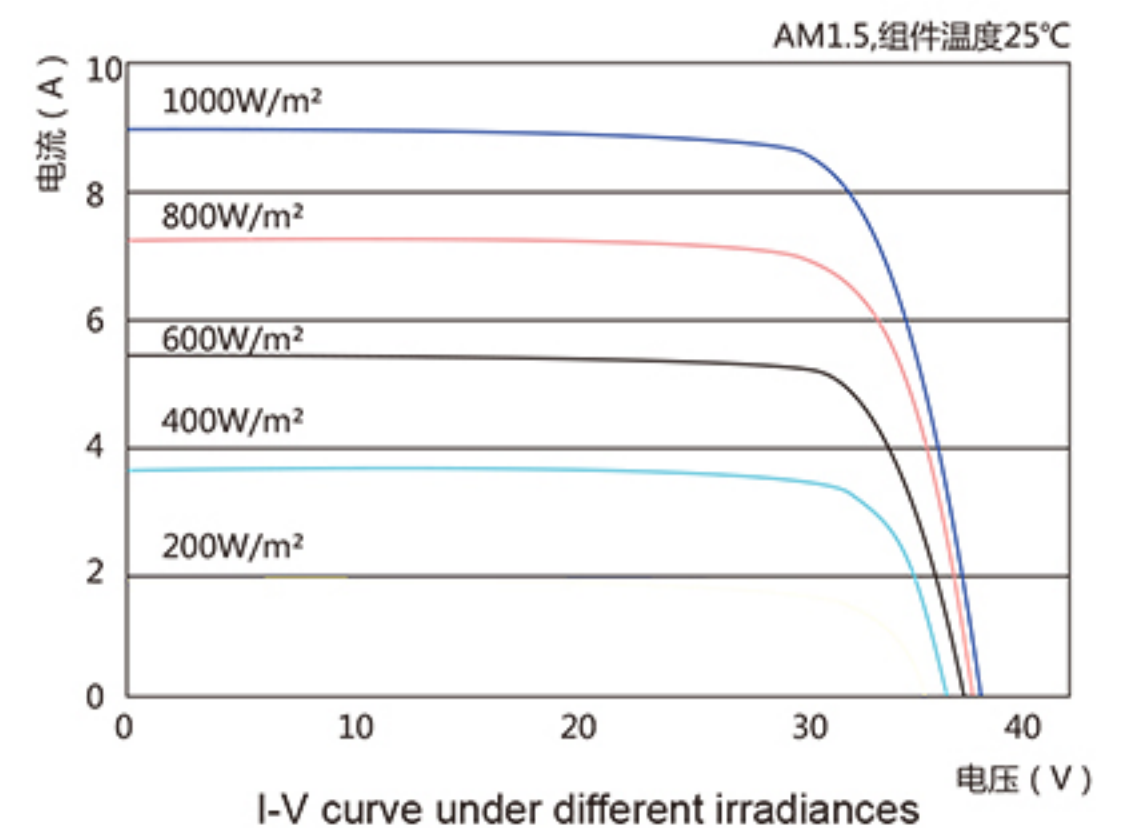


TYPE	CSE-P5C2-60-DB2-270	CSE-P5C2-60-DB2-275	CSE-P5C2-60-DB2-280	CSE-P5C2-60-DB2-285	CSE-P5C2-60-DB2-290
Rated Maximum Power at STC	270	275	280	285	290
Open Circuit Voltage (Voc/V)	37.95	38.15	38.20	38.40	38.55
Working Power Voltage (Vmp/V)	30.70	31.10	31.55	31.90	32.33
Short Circuit Current (Isc/A)	9.35	9.39	9.44	9.49	9.53
Working Power Current (Imp/A)	8.80	8.85	8.89	8.96	9.00
Module Efficiency [%]	16.39	16.70	17.00	17.30	17.61
Power Tolerance (W)	0~+5				
αIsc (%/K)	+0.069				
βVoc (%/K)	-0.34				
γPmp (%/K)	-0.41				
STC:(Air Mass 1.5,Irradian 1000/m <sup>2</sup> , Module Temperature 25℃)					

### WORKING CONDITIONS

Maximum System Voltage	1500VDC(IEC)/600VDC(UL)
Operating Temp	-40℃~+85℃
Maximum Series Fuse	15A
Max.Wind Load	1600Pa
Max.Snow Load	3600Pa
NOCT	41.5±2℃
Application Class	Class A
Grounding conductivity	<0.1Ω

### I-V CURVE



### GUARANTEE

10-year limited product quality warranty;

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output.



CAMEL SOLAR ENERGY (DALIAN) CO., LTD (CSE)

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If any technology or parameter changes in the product specification, Camel Solar Energy (Dalian) Co., Ltd reserves the right of final interpretation.