



JC-340-60MD 120cells

325-340W

High Efficiency Half-Cell Mono PERC Module



Half-cut cell technology  
New circuit design,  
lower internal current,  
lower Rs loss



Special circuit design  
with much lower hot spot  
temperature



Fire safety  
(Class C, certified to TÜV  
Rheinland and Rheinland  
test standards)



Resistance to power  
attenuation passed TÜV  
Rheinland system voltage  
endurance test

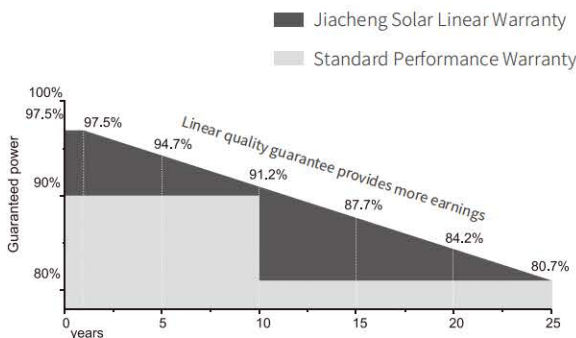


Resistance to salt-spray  
corrosion  
(IEC61701, certified to TÜV  
Rheinland test standard)



100% double EL test  
enabling remarkable  
reduction of hidden crack  
rate of modules

### LINEAR PERFORMANCE WARRANTY



Product quality  
& process guarantee



Linear power  
guarantee

### COMPREHENSIVE CERTIFICATES



ISO 9001: Quality Management System  
ISO 14001: Environmental Management System Standard  
OHSAS 18001: International Occupational Health and  
Safety Assessment System Standard

### PRODUCT INSURANCE



# JC-340-60MD 120cells

## ELECTRIC CHARACTERISTICS

Model of modules	JC-325-60MD JC-325-60MDH		JC-330-60MD JC-330-60MDH		JC-335-60MD JC-335-60MDH		JC-340-60MD JC-340-60MDH	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power — $P_{mp}$ (W)	325	242	330	246	335	250	340	253
Open-circuit voltage — $V_{oc}$ (V)	41.1	38.0	41.3	38.2	41.5	38.4	41.7	38.6
Short-circuit current — $I_{sc}$ (A)	10.20	8.54	10.31	8.65	10.36	8.74	10.55	8.86
Maximum power voltage — $V_{mp}$ (V)	33.6	31.6	33.8	31.8	34.0	32.0	34.2	32.2
Maximum power current — $I_{mp}$ (A)	9.68	7.66	9.77	7.74	9.87	7.82	9.96	7.86
Module efficiency — $\eta_m$ (%)	19.26%		19.56%		19.85%		20.15%	
Power tolerance (W)	(0,+5)							
Maximum system voltage (V)	1000V/1500V							
Maximum rated fuse current (A)	20							
Current operating temperature (°C)	-40~+85 °C							

**STC** (Standard Testing Conditions): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25 °C , Spectra at AM1.5

**NOCT** (Nominal Operating Cell Temperature): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C , Spectra at AM1.5, Wind at 1m/S

## STRUCTURAL CHARACTERISTICS

Module dimensions (L*W*H)	1684 x 1002 x 35mm
Weight	19.0 kg
Number of half-cells	120 cells (6x20)
Cell	PERC Monocrystalline 158.75x79.38mm
Glass	Tempered, 3.2mm AR, High transmittance, Low iron
Frame	Anodized aluminum alloy
Junction box	IP67
Output wire	4.0 mm <sup>2</sup> , wire length: 1000mm or Customized Length
Connector	MC4 Compatible
Mechanical load	5400 Pa

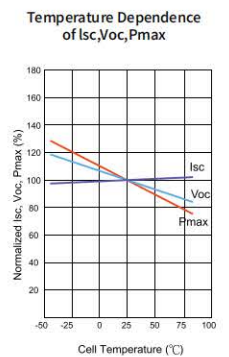
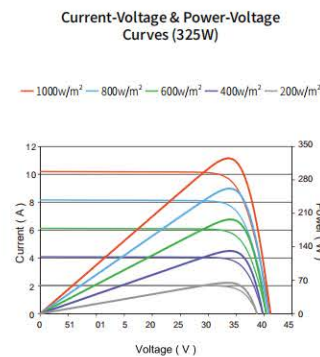
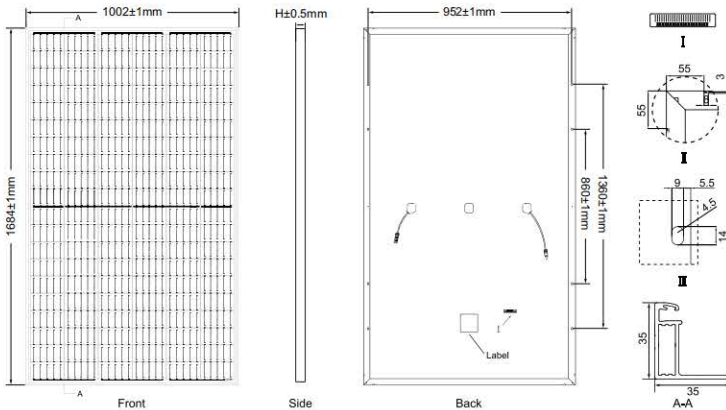
## TEMPERFORMANCE RATINGS

Temperature coefficient ( $P_{max}$ )	-0.36 %/°C
Temperature coefficient ( $V_{oc}$ )	-0.28 %/°C
Temperature coefficient ( $I_{sc}$ )	+0.048 %/°C
Nomial opearting cell temperature	45±2 °C

## PACKAGING CONFIGURATION

Container	20GP	40HQ
Quantity/pallet	30	31
Pallets/container	12	26
Quantity/container	360	884

## MODULE DIMENSIONS (mm)



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