

## DS-340P6-72

Poly-Crystalline Solar Module  
320-340 Watt 6inch 72cells



Unique cell design with 5 bus-bar for higher efficiency and module stability



Excellent low light performance  
On cloudy days, mornings and evenings



PID Free Module  
Anti-PID material  
Anti-PID cell technology



0 to +3% positive tolerance



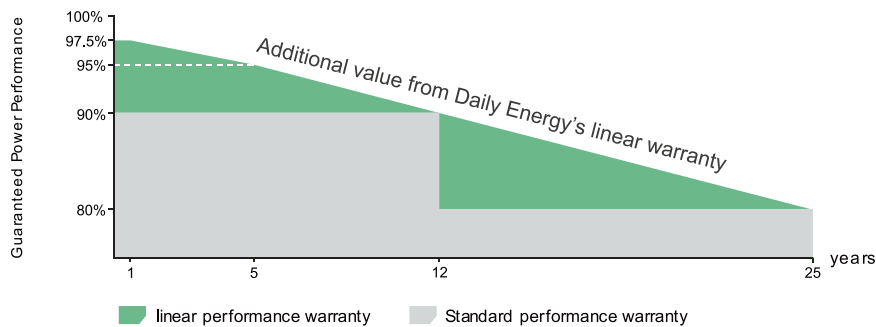
High conversion efficiency  
High module efficiency to guarantee power output



Wind load of up to 2400Pa and heavy snow load of up to 5400Pa

### LINEAR PERFORMANCE WARRANTY

- ※ 10 years for product defects in materials and workmanship
- ※ 12 years for 90% of warranted minimum power output
- ※ 25 years for 80% of warranted minimum power output



## ELECTRICAL PERFORMANCE

All specified Parameters are at STC 25°C Ambient, 1000W/m<sup>2</sup> irradiance and AM 1.5

Type		DS-320P6-72	DS-325P6-72	DS-330P6-72	DS-335P6-72	DS-340P6-72
Power Output	Pmax(W)	320	325	330	335	340
Power Output Tolerance	Pmax(%)	0~+3	0~+3	0~+3	0~+3	0~+3
Max-Power Voltage	Vmp(V)	36.90	37.10	37.30	37.50	37.81
Max-Power Current	Imp(A)	8.68	8.76	8.85	8.94	9.01
Open-Circuit Voltage	Voc(V)	45.61	45.85	46.53	46.72	46.83
Short-Circuit Current	Isc(A)	9.28	9.37	9.41	9.44	9.52
Cell Efficiency	(%)	18.60	18.90	19.20	19.50	19.80
Module Efficiency	(%)	16.50	16.80	17.00	17.30	17.50

## THERMAL CHARACTERISTICS

Nominal Operating Cell Temperature	NOCT(°C)	45±2
Temperature Coefficients of Pmax	(%/°C)	-0.420
Temperature Coefficients of Voc	(%/°C)	-0.304
Temperature Coefficients of Isc	(%/°C)	0.040

## OPERATING CONDITIONS

Maximum System Voltage	(VDC)	1000V(IEC)
Maximum Series Fuse	(A)	15
Operating Temperature	(°C)	-40~+85
Maximum Load(snow/wind)		5400pa/2400pa

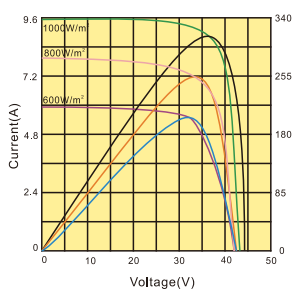
## MECHANICAL CHARACTERISTICS

Solar cells(type/dimension)	Poly-Crystalline Silicon/156mm*156mm
Cells number	72pcs(6*12)
Front cover(material/thickness)	Low iron tempered glass/3.2mm
Backsheet(color)	White
Frame(material/color)	Anodized aluminum alloy/Silver
Junction box(protection degree)	≧ IP65
Cables/Plug Connector	Diameter 4mm <sup>2</sup> , Length 900mm/MC4 or MC4 compatible
Module Dimension	1956×992×40mm
Module Weight	23kg

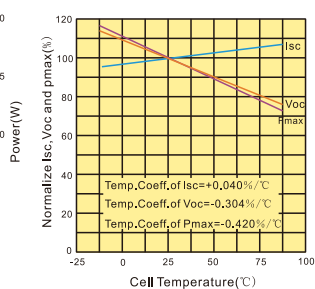
## PACKING DETAILS

Container	20'GP	40'HQ
Pieces per pallet	52	58
Pallets per container	5	12
Pieces per container	260	696

Electrical performance  
(cell temperature:25°C)



Temperature dependence of Isc,  
Voc and pmax



Irradiance dependence of Isc,  
Voc and pmax cell.temperature:25°C

