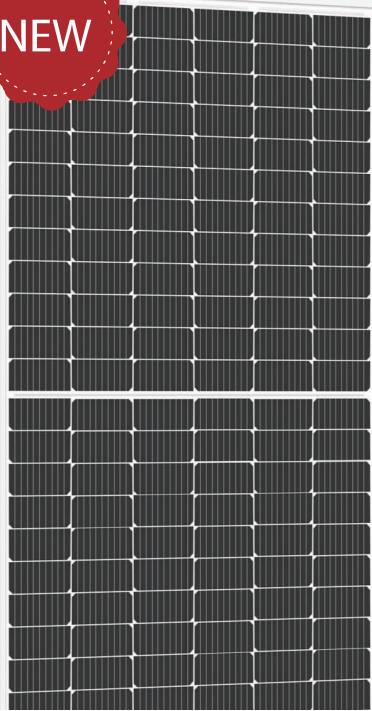




NEW



datkeys

Tiger Series

Large Dimension Plus Half Cell Mono Solar Module

DK-M672HL

430~450W

DK-M672430HL

DK-M672435HL

DK-M672440HL

DK-M672445HL

DK-M672450HL

IEC61215/IEC61730

ISO9001:Quality Management System ISO14001:Environmental Management System

ISO45001:Occupational Health and Safety Management System



PID Resistance



Better Low-light Performance



9 Bus Bar Half Cut Cell With PERC Technology



Strengthened Mechanical Support 5400 Pa Snow Load, 2400 Pa Wind Load

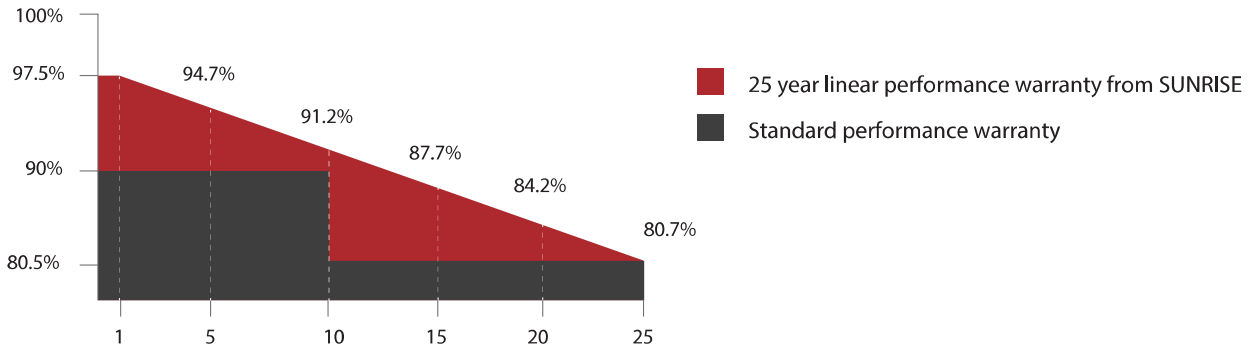


0~3% Positive Tolerance



Higher Power Output

Additional value from Datkeys linear warranty



CÔNG TY CP THƯƠNG MẠI ĐẦU TƯ ĐẤT QUẢNG

TEL : (84-28) 3864 2222 - Hotline: 1900 3042

Web: www.datquangsolar.com

E-mail: contact@datquangsolar.com

ADD: C12 Khu Thương Mại Thuận Việt, 319 Lý Thường Kiệt, Phường 15, Quận 11, TP.Hồ Chí Minh

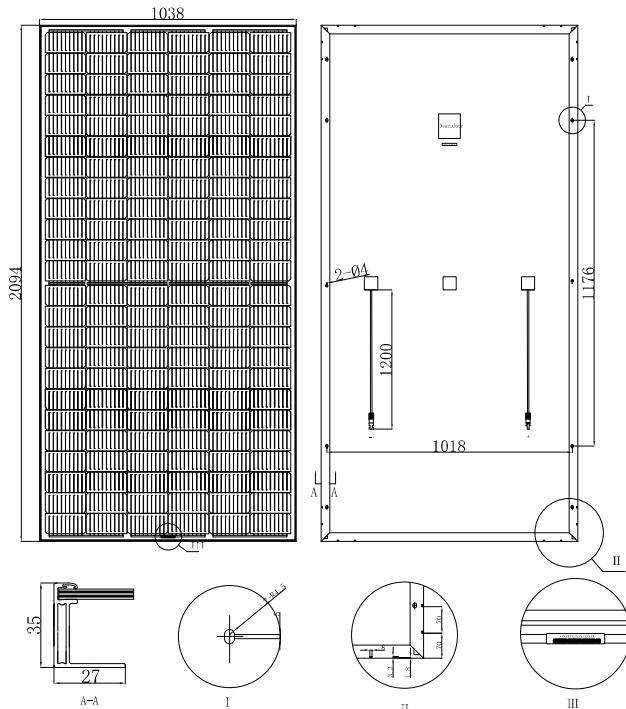


Module Type		DK- M672430HL		DK-M672435HL		DK-M672440HL		DK-M672445HL		DK-M672450HL	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(%)	0~+3		0~+3		0~+3		0~+3		0~+3	
Module Efficiency	(%)	19.79		20.02		20.25		20.47		20.71	
Maximum Power	Pmax(W)	430	318.3	435	322	440	325.8	445	329.5	450	333.2
Open Circuit Voltage	Voc(V)	49.22	45.88	49.42	46.08	49.62	49.28	49.86	49.52	50.1	49.76
Short Circuit Current	Isc(A)	11.21	9	11.28	9.06	11.35	9.11	11.41	9.16	11.48	9.22
Maximum Power Voltage	Vm(V)	40.59	37.48	40.79	37.68	40.99	37.88	41.19	38.07	41.39	38.26
Maximum Power Current	Im(A)	10.6	8.48	10.67	8.54	10.74	8.59	10.81	8.64	10.88	8.7
Cell Type	(mm)	166x83(9BB Mono-Crystalline Silicon)									
Number of Cells	(Pcs)	144(6x24)									
Maximum System Voltage	(V)	DC1500									
Temp. Coeff. of Voc	(%/°C)	-0.285									
Temp. Coeff. of Isc	(%/°C)	0.055									
Temp. Coeff. of Pm	(%/°C)	-0.365									
Operating Temperature	°C	-40 to 85									
Nominal Operating Cell Temperature (NOCT)	°C	45±2									
Max. Series Fuse	(A)	20									
Pressure Bearing	(Pa)	5400									
Wind Bearing	(Pa)	2400									

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m²; Ambient temperature 20°C; Wind speed 1m/s

ENGINEERING DRAWINGS

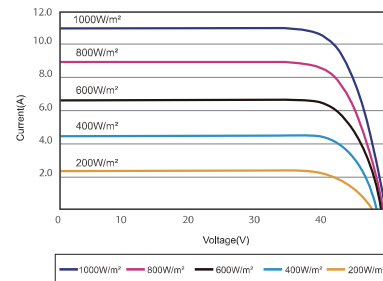


Manufactured in China

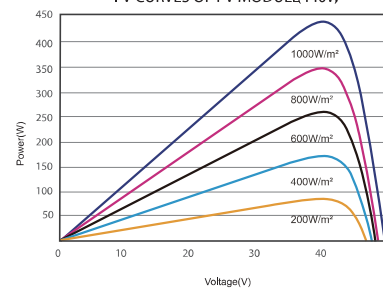
MATERIAL DETAILS

Frame	Anodized aluminum
Glass	3.2mm low-iron tempered suede glass
Cell	6x24pcs 166x83mm mono solar cell
Junction Box	Rated Current 15A, IP≥68, TÜV & UL
Diode quantity	3
Cable&Connector	4mm ² MC4 or MC4 compatible
Cable length	1000mm or as customer's requirements

IV CURVES



IV CURVES OF PV MODULE 440W



P-V CURVES OF PV MODULE 440W

PACKING DETAILS

Dimension	(mm)	2094x1038x35
Weight	(kg)	23.5
Loading Capacity		280 pcs / 20'GP 704 pcs / 40'HC
Packing	pcs/pallet	30