



M12 SERIES


EM132H 650~670W


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LDK redefined the high-efficiency module series by integrating 210mm silicon wafers with multi-busbar and half-cut cell technologies. LDK module combined creative technology and extremely improved the module efficiency and power output.


KEY FEATURES

1500V Higher system voltages can effectively reduce BOS

 Lower operating temperature and temperature coefficient, obtain higher profit

 Significantly reduce the effect of hot spot temperature and shadow shielding

 Half-cut design for better mechanical load performance

 Ease of use in more demanding environments

MANAGEMENT SYSTEM

ISO9001:2015

ISO14001:2015

ISO45001:2018

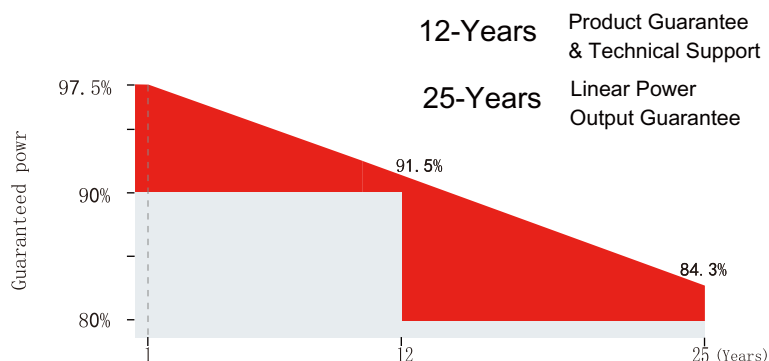
PRODUCT CERTIFICATION



LDK is a leading manufacturer and service provider of professional PV cells and modules that can be widely utilized in residence, commerce and ground PV plant.

LDK provides PV products with exceptional power output and reliability by integrating rigorous design, advanced production technology and fully automatic production equipment. Strict quality control and test standards confirm its pursuit of high quality output.

WARRANTY



XinYu LDK Power Supply Technology Co.,Ltd

ADD: No. 1950 SaiWei Avenue, High-Tech, Industrial Development Zone, XinYu City, JiangXi Province, P.R. CHINA

ELECTRICAL PARAMETERS@STC EM132H 650~670W

Max. Power Output	P _{max} (Wp)	650	655	660	665	670
Power Tolerance	(%)	0~+3	0~+3	0~+3	0~+3	0~+3
Max. Power Voltage	V _{mp} (V)	37.39	37.59	37.79	37.99	38.19
Max. Power Current	I _{mp} (A)	17.39	17.43	17.47	17.51	17.55
Open Circuit Voltage	V _{oc} (V)	45.29	45.49	45.69	45.89	46.09
Short Circuit Current	I _{sc} (A)	18.43	18.49	18.52	18.58	18.63
Module Efficiency	(%)	20.92	21.09	21.25	21.41	21.57

STC (Standard Test Condition): Module 1000W/m² , Cell Temperature 25°C, Air Mass 1.5 .

ELECTRICAL PARAMETERS@NMOT

Max. Power Output	P _{max} (W)	492	496	500	504	508
Max. Power Voltage	V _{mp} (V)	34.89	35.09	35.29	35.49	35.69
Max. Power Current	I _{mp} (A)	14.11	14.14	14.17	14.21	14.24
Open Circuit Voltage	V _{oc} (V)	42.59	42.79	42.99	43.19	43.39
Short Circuit Current	I _{sc} (A)	18.43	18.49	18.52	18.58	18.63

Nominal Module Operating Temperature (NMOT), Irradiance of 800W/ m², Spectrum AM 1.5, Ambient Temperature 20°C, Wind Speed 1m/s.

TEMPERATURE COEFFICIENTS

Temperature Coefficients of P _{max}	-0.32%/°C
Temperature Coefficients of V _{oc}	-0.26%/°C
Temperature Coefficients of I _{sc}	+0.054%/°C

MECHANICAL PARAMETERS

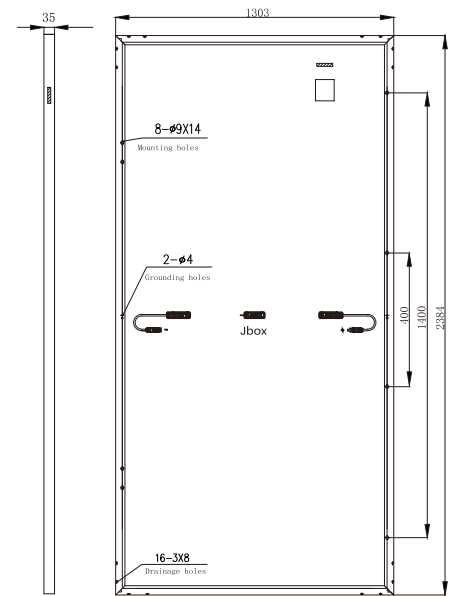
Cell Type	Mono 210×105mm
Number of Cells	132pcs(2× (6×11))
Dimensions (L*W*H)	2384×1303×35mm
Weight	34.5kg
Frame	Anodized Aluminum
Junction Box	Ip68
Cable, Length	4mm ² /350mm

OPERATING CONDITION

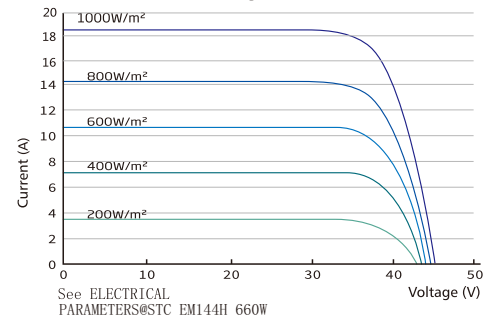
Maximum System Voltage(V)	1500(DC)
Operating Temperature(°C)	-40~+85 °C
Max. Wind Load / Snow Load(Pa)	2400/5400 Pa
Max. Over Current(A)	25A
Application Class	ClassA
Fire Rating	ClassC
NMOT(°C)	42±3 °C

PACKAGE INFORMATION

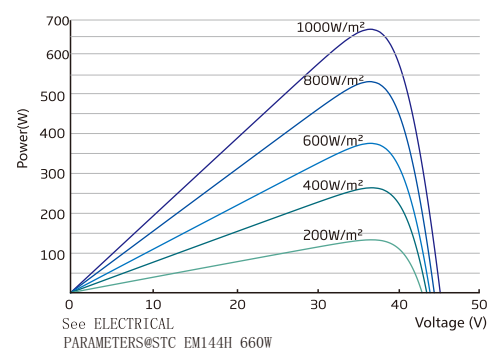
Per Pallet	31PCS
40' HQ	620PCS



Current--Voltage



Power--Voltage



*Power measurement tolerance: ±3%

*No notice when product specifications change

Dealer information

XinYu LDK Power Supply Technology Co.,Ltd

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