

M10 SERIES






DM108H 395~415W



M10 SERIES

LDK redefined the high-efficiency module series by integrating 182mm 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

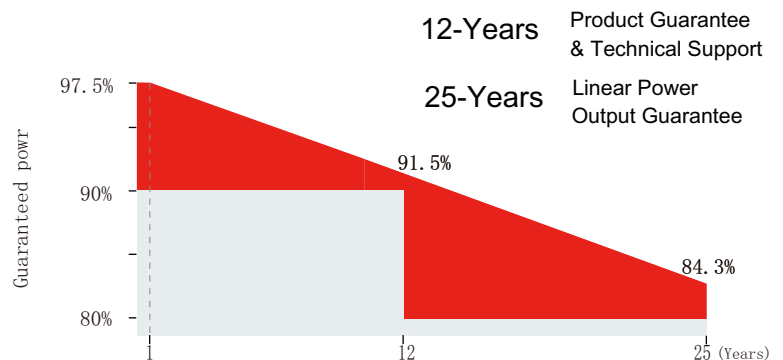


PRODUCT CERTIFICATION



LDK Power Supply Technology Co.,Ltd is a national high-tech enterprise, a leading manufacturer and service provider of professional PV cells and modules that can be widely utilized in residence, commerce and ground PV plant. The annual module productivity of Phase I plant is 1.5GW. LDK Power 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 DM108H 395~415W

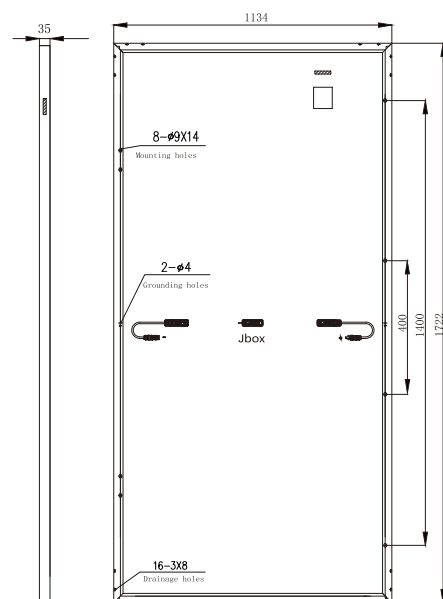
Max. Power Output	Pmax (Wp)	395	400	405	410	415
Power Tolerance	(%)	0~+3	0~+3	0~+3	0~+3	0~+3
Max. Power Voltage	Vmp (V)	30.32	30.42	30.52	30.62	30.79
Max. Power Current	Imp (A)	13.03	13.15	13.27	13.39	13.48
Open Circuit Voltage	Voc (V)	36.90	36.98	37.06	37.14	37.31
Short Circuit Current	Isc (A)	13.71	13.78	13.85	13.92	14.01
Module Efficiency	(%)	20.23	20.48	20.74	21.00	21.25

(Standard Test Condition)STC : Irradiance 1000W/m² , Module Temperature 25°C, AM 1.5 .

ELECTRICAL PARAMETERS@NMOT

Max. Power Output	Pmax (W)	294	298	301	305	309
Max. Power Voltage	Vmp (V)	28.26	28.42	28.56	28.72	28.88
Max. Power Current	Imp (A)	10.40	10.47	10.55	10.62	10.69
Open Circuit Voltage	Voc (V)	34.83	34.90	34.98	35.05	35.21
Short Circuit Current	Isc (A)	11.07	11.13	11.19	11.24	11.32

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



TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pmax	-0.32%/°C
Temperature Coefficients of Voc	-0.26%/°C
Temperature Coefficients of Isc	+0.054%/°C

MECHANICAL PARAMETERS

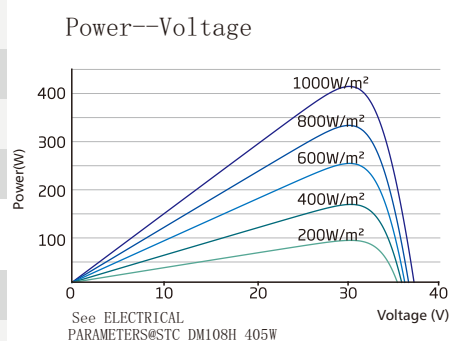
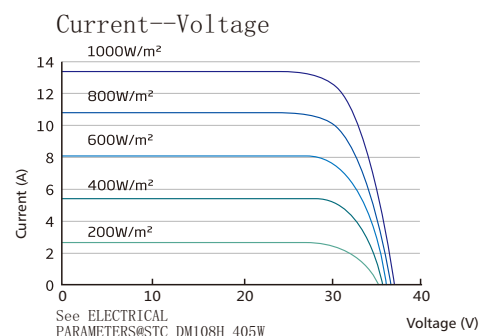
Cell Type	Mono 182×91mm
Number of Cells	108pcs (2×(6×9))
Dimensions (L*W*H)	1722×1134×35mm
Weight	22 kg
Frame	Anodized Aluminum
Junction Box	Ip68
Cable, Length	4mm ² /350mm

OPERATING CONDITION

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

PACKAGE INFORMATION

Per Pallet	31PCS
40' HQ	806PCS



*Power measurement tolerance: ±3%

*No notice when product specifications change

Dealer information



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