

M6 SERIES

CM156H 465~485W



M6 SERIES

LDK redefined the high-efficiency module series by integrating 166mm 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

- 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

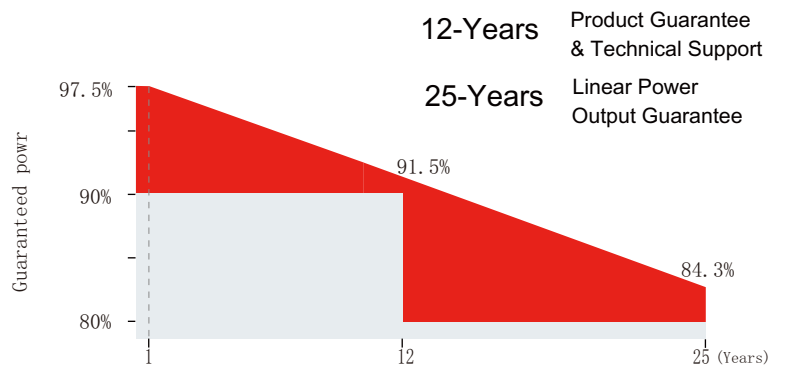
PRODUCT CERTIFICATION



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 CM156H 465~485W

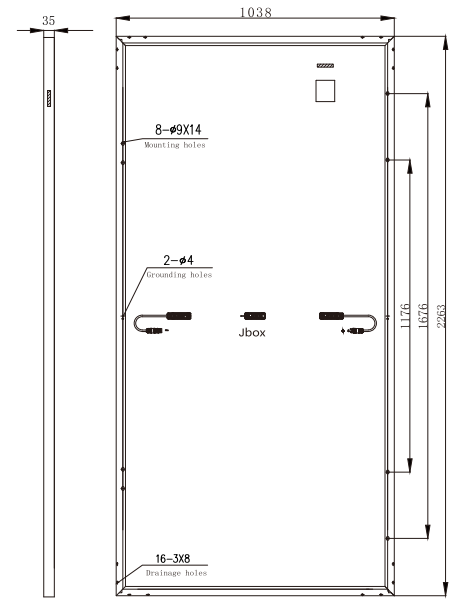
| Max. Power Output | Pmax (Wp) | 465 | 470 | 475 | 480 | 485 |
|-----------------------|-----------|-------|-------|-------|-------|-------|
| Power Tolerance | (%) | 0~+3 | 0~+3 | 0~+3 | 0~+3 | 0~+3 |
| Max. Power Voltage | Vmp (V) | 44.72 | 44.91 | 45.09 | 45.28 | 45.47 |
| Max. Power Current | Imp (A) | 10.41 | 10.48 | 10.54 | 10.61 | 10.67 |
| Open Circuit Voltage | Voc (V) | 53.74 | 53.94 | 54.12 | 54.34 | 54.53 |
| Short Circuit Current | Isc (A) | 11.05 | 11.12 | 11.19 | 11.26 | 11.33 |
| Module Efficiency | (%) | 19.80 | 20.01 | 20.22 | 20.43 | 20.65 |

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

ELECTRICAL PARAMETERS@NMOT

| Max. Power Output | Pmax (W) | 352 | 356 | 360 | 364 | 368 |
|-----------------------|----------|-------|-------|-------|-------|-------|
| Max. Power Voltage | Vmp (V) | 42.27 | 42.46 | 42.69 | 42.88 | 43.11 |
| Max. Power Current | Imp (A) | 8.33 | 8.38 | 8.43 | 8.49 | 8.54 |
| Open Circuit Voltage | Voc (V) | 51.05 | 51.24 | 51.41 | 51.62 | 51.80 |
| Short Circuit Current | Isc (A) | 8.90 | 8.95 | 9.01 | 9.06 | 9.12 |

(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 166×83mm |
| Number of Cells | 156pcs (2×(6×13)) |
| Dimensions (L*W*H) | 2263×1038×35mm |
| Weight | 25kg |
| Frame | Anodized Aluminum |
| Junction Box | Ip68 |
| Cable, Length | 4mm ² /350mm |

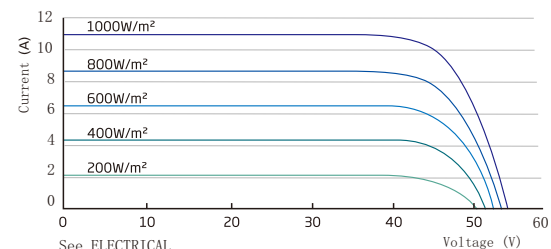
OPERATING CONDITION

| | |
|--------------------------------|--------------|
| 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) | 20A |
| Application Class | ClassA |
| Fire Rating | ClassC |
| NMOT(°C) | 42±3 °C |

PACKAGE INFORMATION

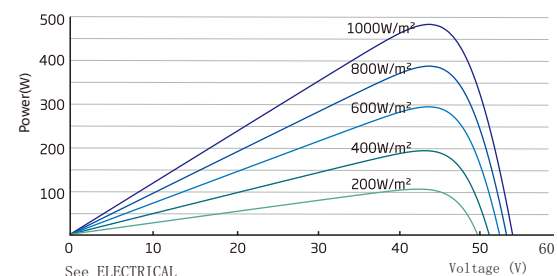
| | |
|------------|--------|
| Per Pallet | 31PCS |
| 40' HQ | 620PCS |

Current--Voltage



See ELECTRICAL PARAMETERS@STC CM156H 475W

Power--Voltage

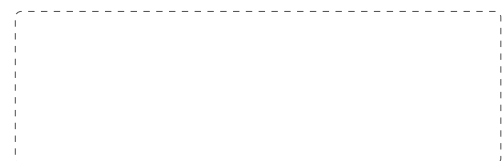


See ELECTRICAL PARAMETERS@STC CM156H 475W

*Power measurement tolerance: ±3%

*No notice when product specifications change

Dealer information



XinYu LDK Power Supply Technology Co.,Ltd

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

Email: modulesales@ldksolar.com