



Residential / Commercial / Utility



445 / 450 / 455 / 460

DM460M6-72HSW/-V



Adaptability

Best size and excellent performance for various application scenarios



Quality

Over 40 years of manufacturing experience in house wafer, cell and module



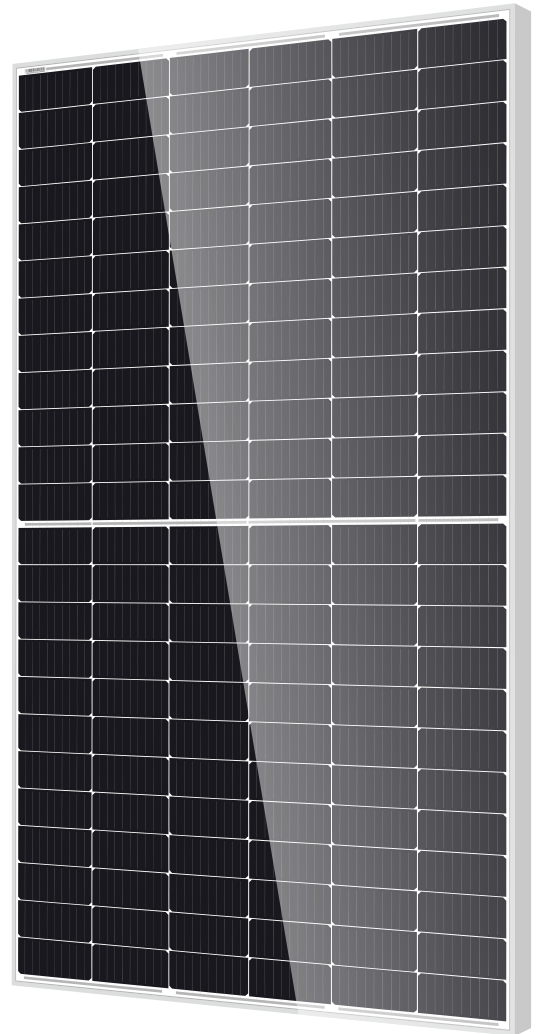
Guarantee

Warranty comes from one of the most financial healthy PV providers

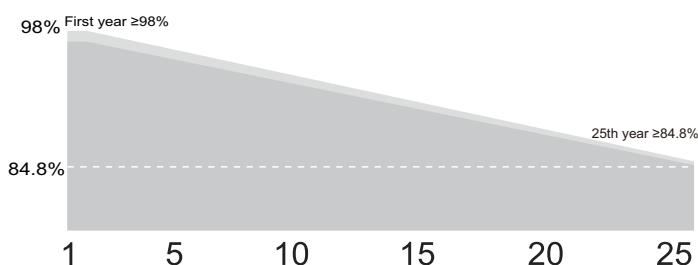


Service

Customer-oriented and local services



Warranty



12 Years product warranty

25 Years power output warranty

A Member of the Hengdian Group



Ver:20220711A0

Electrical Specifications

Module Type	DM445M6-72HSW/-V		DM450M6-72HSW/-V		DM455M6-72HSW/-V		DM460M6-72HSW/-V	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Pm(W)	445	359	450	363	455	367	460	371
Imp(A)	10.92	8.83	11.01	8.89	11.10	8.96	11.18	9.03
Vmp(V)	40.77	40.66	40.91	40.80	41.04	40.93	41.17	41.06
Isc(A)	11.35	9.04	11.43	9.10	11.51	9.17	11.59	9.23
Voc(V)	50.12	49.71	50.27	49.85	50.42	50.00	50.57	50.15
Module Efficiency	20.47%		20.70%		20.93%		21.16%	
Pm Tolerance 0/+3% STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 20°C 1m/s Measurement uncertainty:±3%								

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Dimensions	2094x1038x35mm
Weight	24. 3kg
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	3.2mm
PV module classification	Class II
Junction Box Rating	IP67/IP68
Cables	4mm ² /1300mm or Customized Length
Connector Type	MC4/MC4 Compatible(1000V) EVO2/EVO2 Compatible(1500V)

Packaging

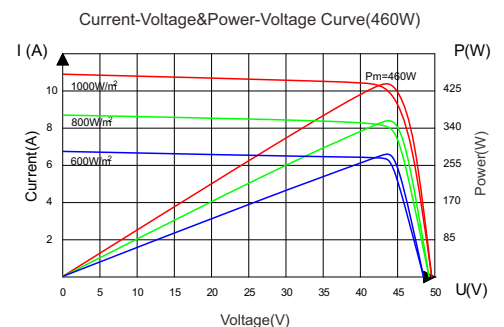
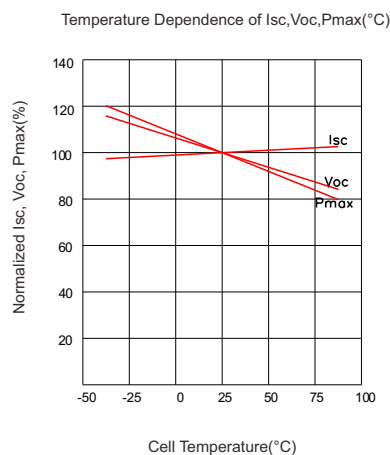
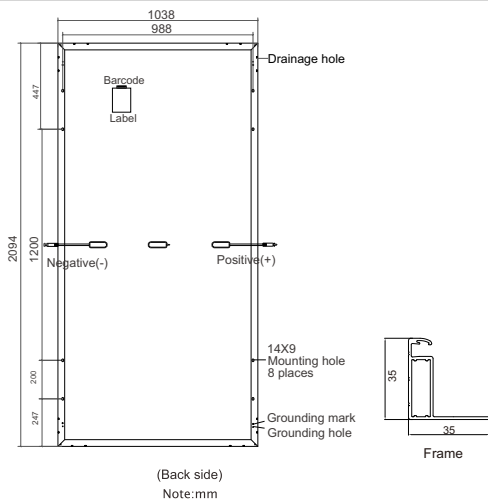
Pallet dimensions	2145×1140×1170mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	682

Temperature Characteristics

Nominal Operating Cell Temperature(NOCT)	42±3°C
Temperature Coefficient of Isc	+0.0487%/°C
Temperature Coefficient of Voc	-0.256%/°C
Temperature Coefficient of Pmax	-0.328%/°C

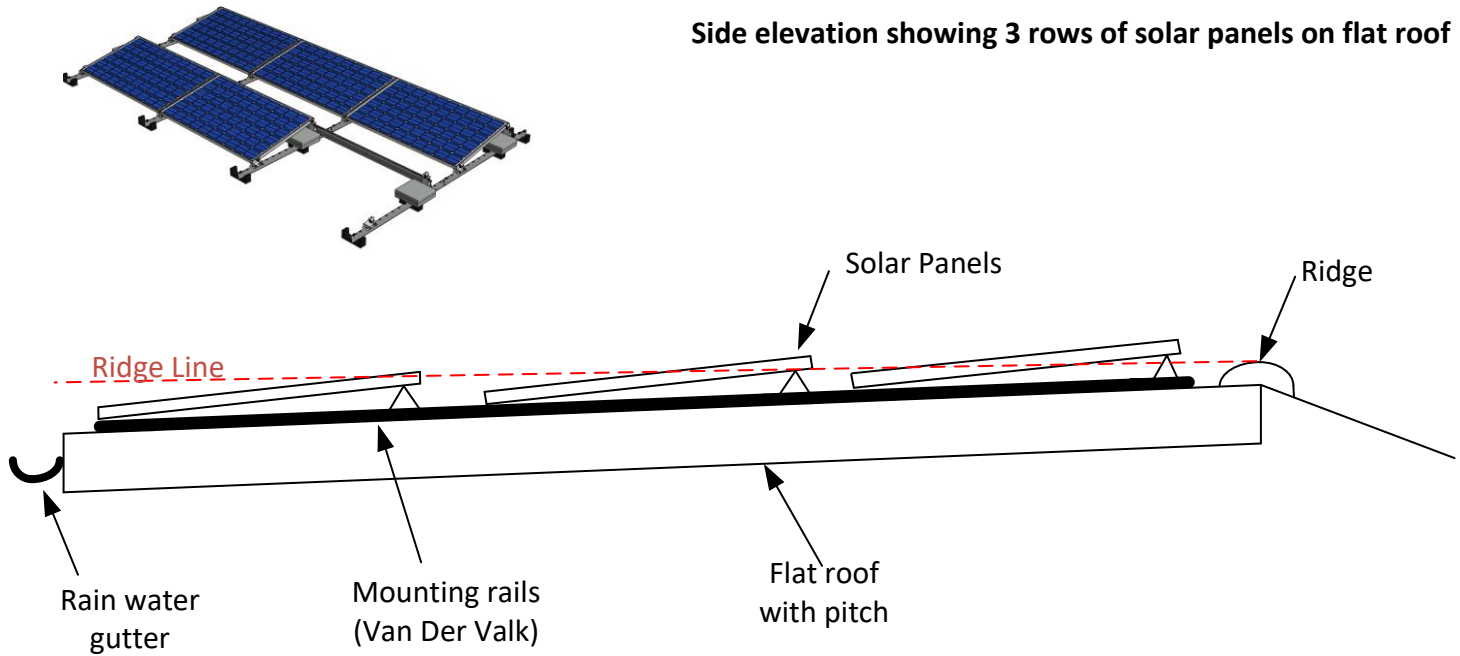
Maximum Ratings

Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	20A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1000V/1500V DC(IEC)	Fire Rating Class	Class C



Statement: Due to technological progress, product parameters will be adjusted accordingly; When signing the contract, the latest data of the company shall prevail.

Side elevation showing 3 rows of solar panels on flat roof

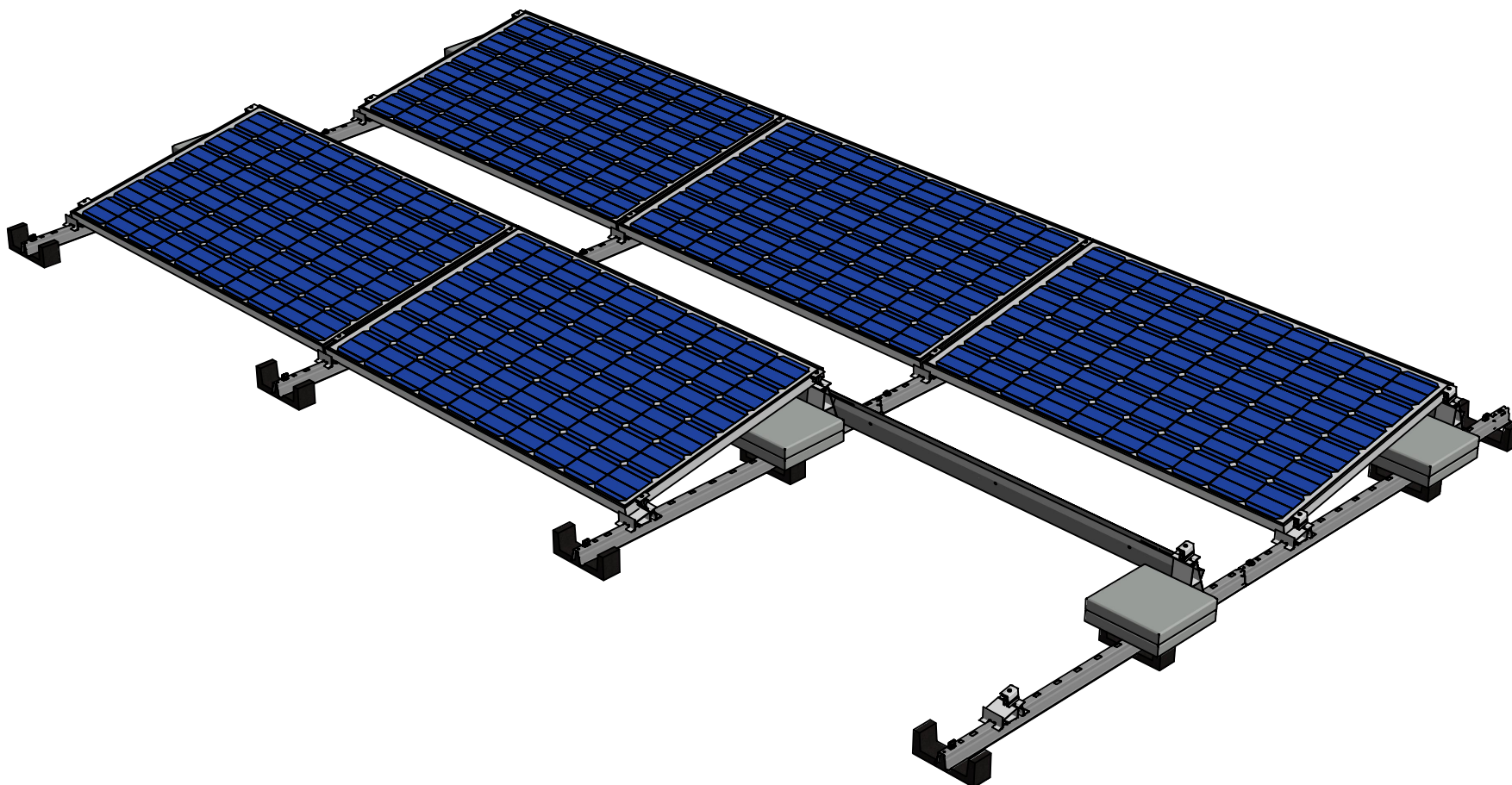




ValkPro+ Landscape 10°

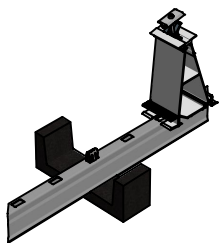
Suitable panel length:	1520 - 2320 mm
Suitable panel width:	977 - 1350 mm
Panel inclination:	10°
Available pitch:	1300 - 1600 mm (default 1500 mm)

* See next page for system details and drawings.

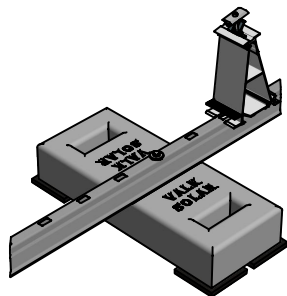




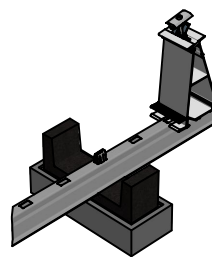
Foundation types:



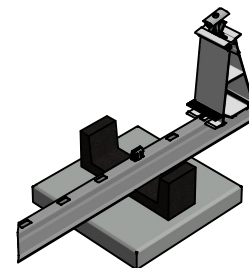
Rubber tile carriers:
Bitumen / EPDM / Concrete / PVC



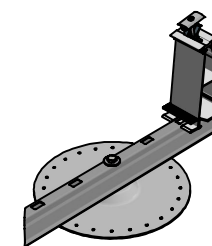
Mass blocks:
Roof or field systems



Elevation blocks:
for gravel roofs

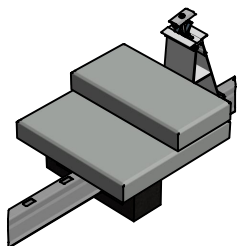


Foundation tile:
for sedum / green roofs
or field systems

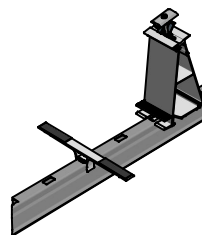


ValkSolarFix:
for mechanical fixation

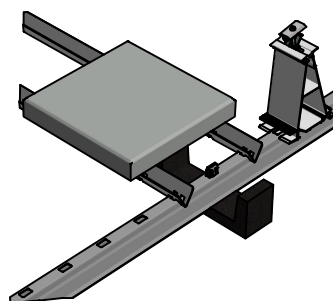
Ballast options:



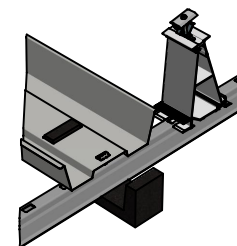
Rubber tile carriers



Ballast wings



Mass carriers



Ballast trays

Technical dimensions:

