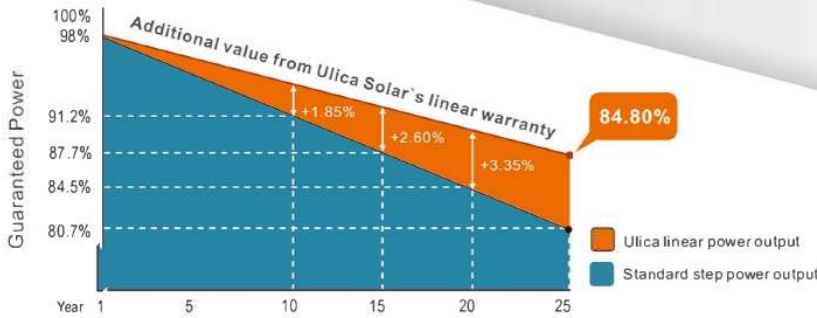
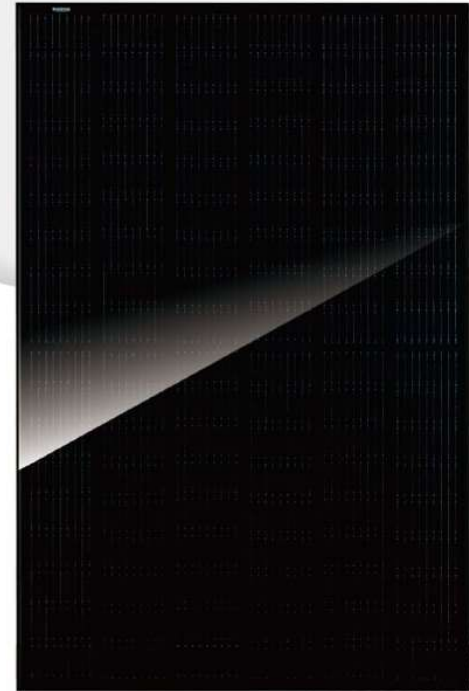


MONO HALF-CUT MODULE

UL-395 | 400 | 405M-108HV

395W-4055W 1500V **MBB 182mm cell**



Global Tier 1 brand as announced by Bloomberg NEF



Lower LCOE
Lower shading and resistive loss
Lower temperature coefficient



Outstanding mechanical load resistance
2400 Pa wind load, 5400 Pa snow load



Anti-PID (potential induced degradation)
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours



Great Durability against extreme conditions
Passed salt mist corrosion test, ammonia corrosion test, dust & sand test, fire test, all certified by TUV



MONO UL-395 | 400 | 405M-108HV

ELECTRICAL PERFORMANCE

Electrical Parameters Standard Test Conditions

Module Type	UL-395M-108HV UL-400M-108HV UL-405M-108HV				
Power Output	P _{max}	W	395	400	405
Power Tolerance	ΔP _{max}	W	0/+5W		
Module Efficiency	η _m	%	20.23	20.48	20.74
Voltage at P _{max}	V _m	V	31.1	31.2	31.3
Current at P _{max}	I _m	A	12.70	12.82	12.94
Open-Circuit Voltage	V _{oc}	V	37.1	37.2	37.3
Short-Circuit Current	I _{sc}	A	13.45	13.57	13.69

STC:1000W/m² irradiance,25C module temperature,AM1.5

THERMAL CHARACTERISTICS

Nominal Operating Cell Temperature	NOCT	°C	43±2
Temperature Coefficient of P _{max}	γ	%/°C	-0.360
Temperature Coefficient of V _{oc}	β _{voc}	%/°C	-0.290
Temperature Coefficient of I _{sc}	α _{isc}	%/°C	+0.049

OPERATING CONDITIONS

Max.System Voltage	DC1500V
Max.Series Fuse Rating	25A
Operating Temperature Range	-40°C ~ 85°C
Max static snow load	5400Pa
Max static wind load	2400Pa
Application Class	A

CONSTRUCTION MATERIALS

Front Cover(material/type/thickness)	low-iron tempered glass/3.2mm
Cell(quantity/material/type/dimension)	108/monocrystalline/182X91mm
Encapsulant(material)	ethylene vinyl acetate(EVA)
Frame(material/anodization color)	anodized aluminum alloy/silver or black
Junction Box(protection degree)	IP68
Cable(length/cross-sectional area)	400 mm(or Customized Length)/4mm ²
Plug Connector	Mc4 Compatible/Original

GENERAL CHARACTERISTICS

Dimension(L/W/H)	1722/1134/30mm
Weight	21.8kg

PACKING CONFIGURATION

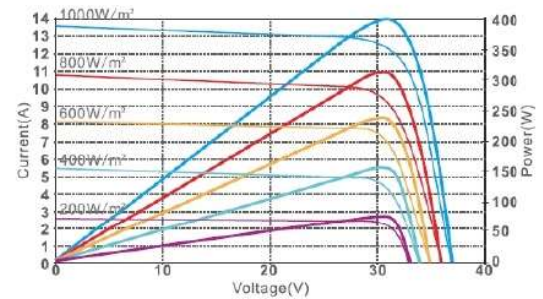
Pallet Size(L/W/H)	1762/1120/2550mm
Pallet Weight	1660kg
Pieces per Pallet	72pcs
Pieces per Container	936pcs

INTERNATIONAL CERTIFICATES

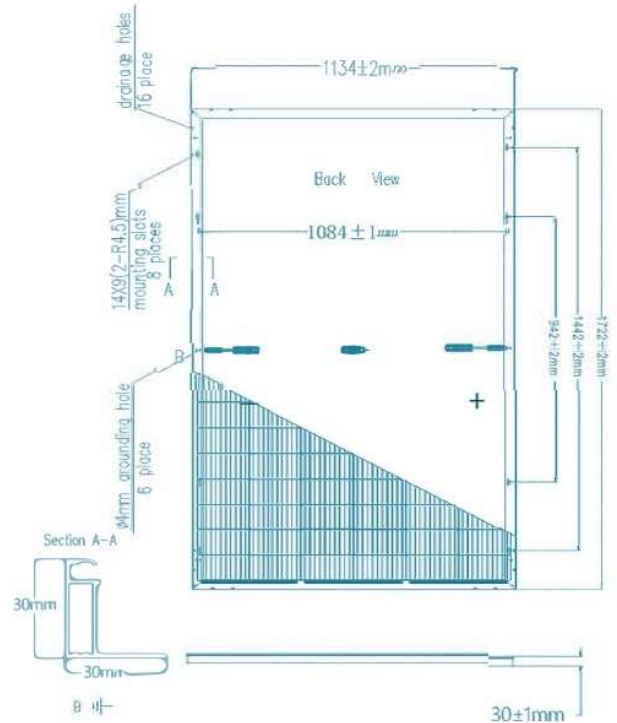
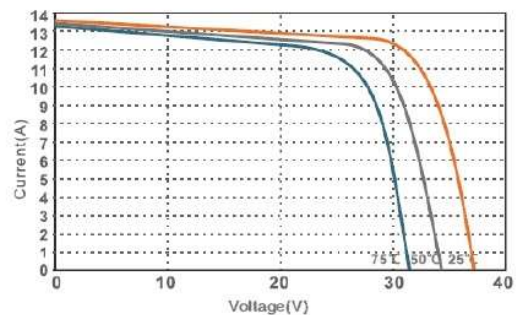
- IEC 61215, IEC 61730
- ISO 9001: 2015(Quality management systems)
- ISO 14001: 2015 (Environmental management systems)
- OHSAS 18001: 2015 (Occupational health and safety)

I-V CURVE

I-V characteristics at different irradiances



I-V characteristics at different temperature



Please read the instruction entirely before handling, installing and operating Ulica Solar modules.
Due to continuous research and development, the specification is subject to change without prior notice.