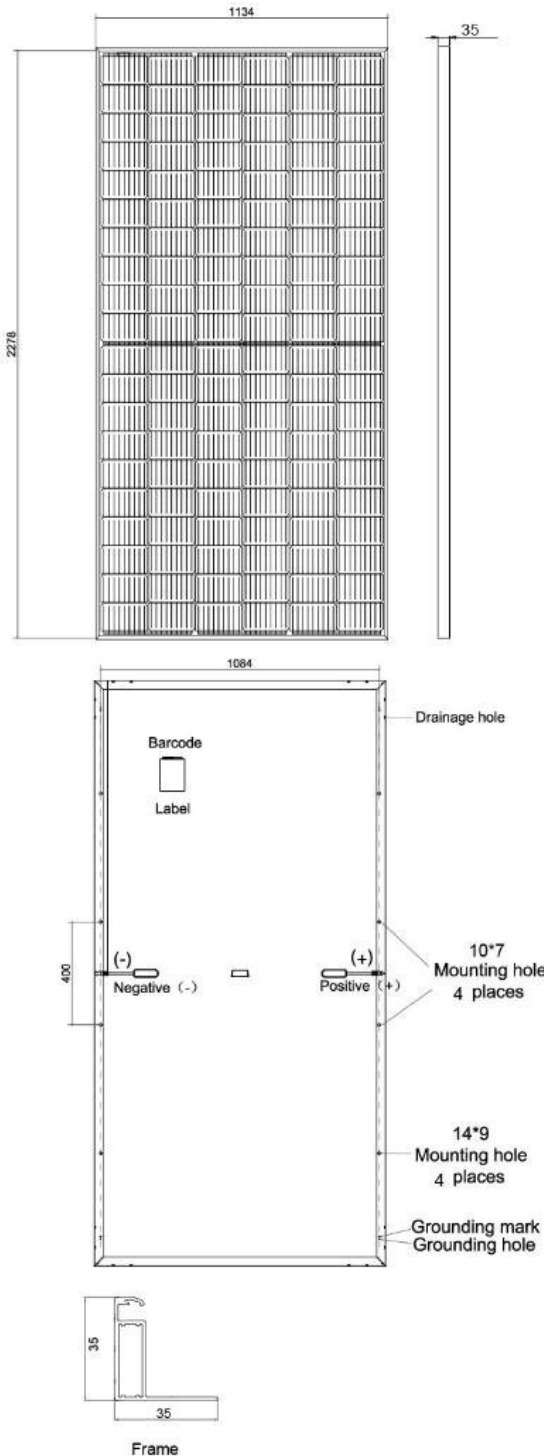


# DM550M10-72HSW-V 35MM

แผงโซลาร์เซลล์ชนิดโมโนคริสตัลไลน์



## DIMENSIONS (mm)



## ELECTRICAL SPECIFICATIONS

Model Type	DM550M10-72HSW-V	
Testing Condition	STC	NMOT
Peak Power (Pmax)	550 W	417 W
Maximum Power Voltage (Vmp)	41.48 V	39.66 V
Maximum Power Current (Imp)	13.26 A	10.52 A
Open Circuit Voltage (Voc)	49.89 V	47.39 V
Short Circuit Current (Isc)	14.11 A	11.32 A
Module Efficiency (%)	21.29 %	

STC:AM15 1000W/m<sup>2</sup> 25°C

## TEMPERATURE & MAXIMUM RATING

Maximum System Voltage (V)	1500 V DC
Maximum Series Fuse Rating (A)	25 A
Power Tolerance	0+3%
Pmax Temperature Coefficients (W/°C)	-0.330%/°C
Voc Temperature Coefficients (V/°C)	-0.246%/°C
Isc Temperature Coefficients (A/°C)	+0.0448%/°C
NMOT Nominal Operating Cell Temperature (°C)	42±3°C
Operating and Storage Temperature (°C)	-40°C to+85°C

NOCT:AM15 800W/m<sup>2</sup> 20°C 1m/s

## MECHANICAL CHARACTERISTICS

Cell Type	P type Mono-crystalline
No. of Cells	144 (6x24)
Dimensions (mm)	2278 x 1134 x 35
Weight	28.7 kg
Front Glass	3.2 mm
Frame	Anodized Aluminium Alloy
Junction box	IP68
Output Length	Landscape 1300mm
Cable Cross Section Size	4mm <sup>2</sup>
Maxwind Load/Snow Load	Snow 5400Pa/Wind 2400Pa
Packing	31 PCS / Pallet
Pallet Dimension (mm)	2320 x 1140 x 1250