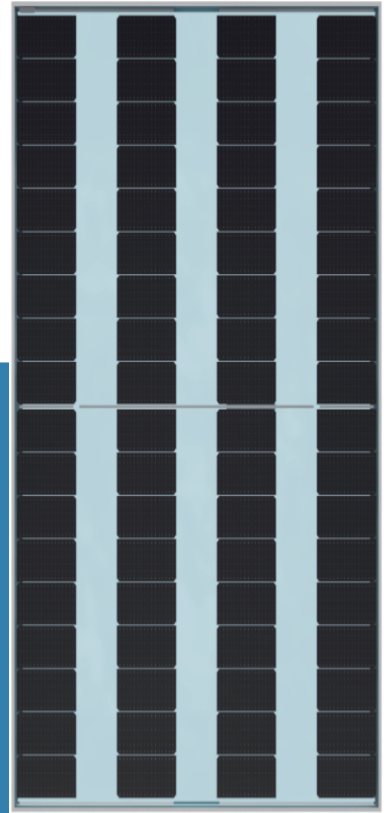


# BM8S-T48HDT

## 380-400W

### AGRIVOLTAICS

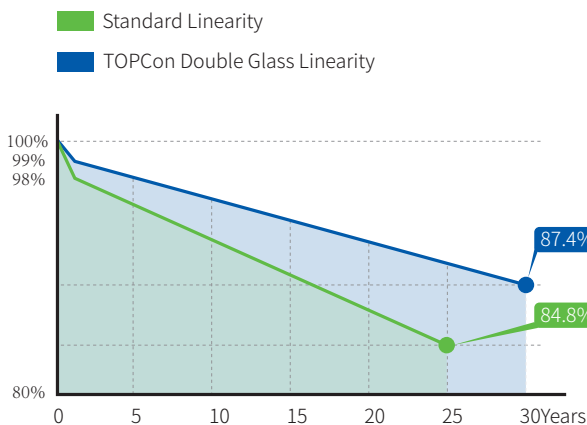


Maximum Power Output:

**400W**

Maximum Module Efficiency:

**15.48%**



**15** years Product Warranty

**30** years Linear Power Warranty



### More Power Generation

Less than 1% 1st year degradation, lower temperature coefficient and better weak-light response combined with rear side gain improves module power generation



### Excellent Reliability Performance

Excellent harsh tests results and hot spot resistance improves product reliability for long-term life cycle



### Agricultural integrated PV Application Design

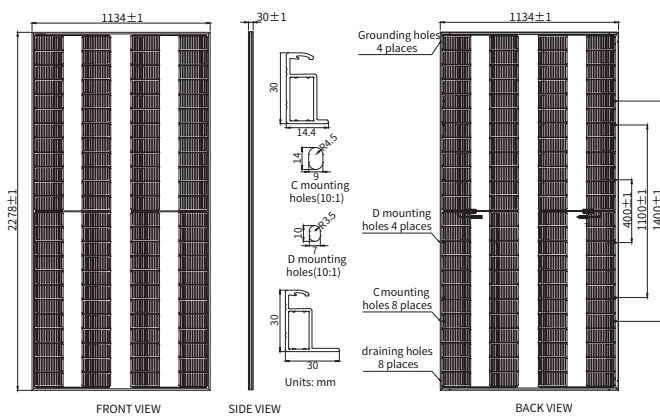
High light transmission up to 35%, satisfy power generation while ensuring that crops can receive sufficient light to achieve win-win farm power generation and planting

## Electric Characteristics

Module Type	BM8S-T48HDT-380		BM8S-T48HDT-385		BM8S-T48HDT-390		BM8S-T48HDT-395		BM8S-T48HDT-400	
	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Maximum Power (Pmax)[W]	380	420	385	425	390	430	395	435	400	440
Open-Circuit Voltage (Voc)[V]	33.93	34.13	34.03	34.23	34.13	34.33	34.23	34.43	34.33	34.53
Short-Circuit Current (Isc)[A]	14.11	15.50	14.20	15.58	14.29	15.66	14.38	15.74	14.47	15.82
Maximum Power Voltage (Vmp)[V]	28.52	28.72	28.72	28.92	28.92	29.12	29.12	29.32	29.32	29.52
Maximum Power Current (Imp)[A]	13.33	14.62	13.41	14.70	13.49	14.77	13.57	14.84	13.65	14.91
Module Efficiency	14.71%		14.90%		15.10%		15.29%		15.48%	
Power Tolerance	0~+5W									

(STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, Atmospheric quality AM 1.5G; BNPI: Rear side Irradiance 135W/m<sup>2</sup>, Cell temperature 25°C, Atmospheric quality AM 1.5G, Wind speed 1m/s)

## Engineering Drawing



## Product Specification

Cell Type	TOPCon Mono crystalline (16BB)
Number of Cells	96(4x24)
Dimensions	2278x1134x30mm
Weight	31kg
Glass	Front Glass, 2mm AR coated heat strengthened glass Back Glass, 2mm heat strengthened glass (transparent)
Frame	Silver(Black), Anodized Aluminum Alloy
Output Cables	4mm <sup>2</sup> (IEC), 12AWG(UL) +300mm/-200(including connector) or Customized Length
Junction Box	IP68 Rated, 3 diodes
Connector	MC4-EVO2 / MC4 Compatible
Packaging	36 Pieces/Pallet, 720 pieces/40' container

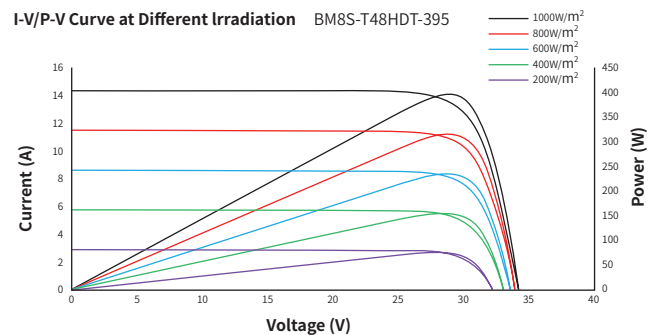
## Operating Conditions

Maximum System Voltage	1500V DC (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	30A
Maximum Static Load, Front Side	5400Pa
Maximum Static Load, Back Side	2400Pa
Nominal Operating Cell Temperature	45±2°C
Bifaciality	80±5%

## Temperature Coefficient

Temperature coefficient of Isc	+0.045%/°C
Temperature coefficient of Voc	-0.230%/°C
Temperature coefficient of Pmax	-0.290%/°C

## Characteristics



I-V Curve at Different Temperature BM8S-T48HDT-395

