



### Mechanical Characteristics

Number of cells (pcs)	156
Size of cell (mm)	166*83
Type of cell	Mono
Size of module (mm)	2264*1038*40
Weight (kg)	24.8
Junction box	IP68
Fire Rating	Class C
Cables/connectors	H1Z2Z2-K 4mm <sup>2</sup> ,01C1/05-8 TL-Cable01S/ Staubli MC4

### Maximum Ratings

Operating Temperature(°C)	-40~85
Operating Humidity(%)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

### Packing Configuration

Pieces per pallet	27
Size of packing (mm)	2300*1130*1190
Weight of packing (kg)	720
Pieces per container	540
Size of container	40' HC

### Electrical Characteristics

STC	EG-495 M78-HE			
Pmax (W)	495			
Vmp (V)	45.33			
Imp (A)	10.92			
Voc (V)	54.34			
Isc (A)	11.39			
Module efficiency (%)	21.06			
Maximum system voltage (V)		1000		
Fuse Rating Current (A)		20		
Tolerance (%)		Pmax: ±3% Binning: ±5W、Voc: ±5%、Isc: ±5%		
Temperature coefficient	Pmax (%/°C)	-0.390		
	Isc (%/°C)	0.039		
	Voc (%/°C)	-0.295		

STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25°C, AM=1.5

NOCT	EG-495 M78-HE			
Pmax (W)	375			
Vmp (V)	41.95			
Imp (A)	8.94			
Voc (V)	50.53			
Isc (A)	9.32			
Power tolerance		Pmax: ±3% Binning: ±5W		

NOCT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

### I-V Curves

