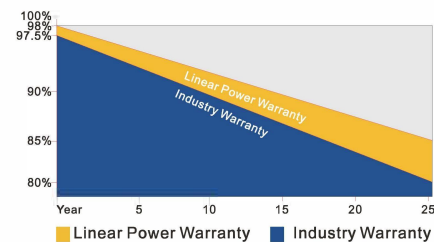


Mono Half-cut Single/Double Glass Module
525-550/MB Series

MONO half-cut single / double glass module, assembled with multi-busbar PERC technique and half-cut structure, which can not only absorb the energy from the front of the module, but also absorb the reflected light and the scattered light from the back, offer the advantages of higher power output, reduce shading effect on the energy generation, enhance the mechanical load bearing capacity as well.

- ↓6% Saving logistics cost
- ↓7% Saving cable cost
- ↓8% Saving bracket cost
- ↓9% Saving labor cost

- 10-year warranty for material and technology
- 25-year linear power output warranty



- IEC61215, IEC61730
- ISO9001:2015 Quality management systems
- ISO45001:Environmental management systems
- ISO45001:2018 Occupational health and safety management systems



1134±2

2279±2

Enlarge view of mounting hole(10:1)

R5.5

10:1

Grounding Holes 6 Places

Mounting holes 6 places for Neotester

Mounting Holes 8 Places

Draining holes 8 places

1084

Label

100

400

1200

1800

35±1

Units: mm

AA

Electrical Parameters at STC

Module Type	TYL525P	TYL530P	TYL535P	TYL540P	TYL545P	TYL550P
Rate Maximum Power(Pmax/W)	525	530	535	540	545	550
Module Efficiency(%)	20.30	20.50	20.70	20.90	21.10	21.30
Open Circuit Volatge(Voc/V)	48.95	49.15	49.35	49.55	49.75	49.95
Short Circuit Current(Isc/A)	13.67	13.74	13.82	13.89	13.97	14.05
Voltage at Pmax(Vmp/V)	41.10	41.27	41.45	41.62	41.80	41.97
Current at Pmax(Imp/A)	12.78	12.85	12.91	12.98	13.05	13.11
Power Tolerance	0~+5w					
Temperature Coefficient of Isc	+0.046%/℃					
Temperature Coefficient of Voc	-0.276%/℃					
Temperature Coefficient of Pmax	-0.350%/℃					
STC	Irradiance 1000W/m ² Cell Temperature 25℃ AM1.5					

Electrical Parameters at NOCT

Module Type	TYL525P	TYL530P	TYL535P	TYL540P	TYL545P	TYL550P	Operating Temperature	-40~+85℃
Rate Maximum Power(Pmax/W)	396	400	404	407	411	414	MaximumSystem Voltage	1500VDC
Open Circuit Voltage(Voc.V)	46.00	46.13	46.26	46.38	46.50	46.63	NOCT	45±2℃
Short Circuit Current(Isc/A)	10.95	10.99	11.03	11.08	11.12	11.17	Fireproof Performance	Class C
Voltage at Pmax(Vmp/V)	38.35	38.55	38.76	38.95	39.16	39.31	Maximum Series Fuse	25A
Currrnt at Pmax(Imp/A)	10.33	10.38	10.43	10.46	10.50	10.53	Temperature Coefficient of Voc	-0.276%/K
NOCT::Irradiance 800W/m² Ambient Temperature 20℃ Wind at 1m/s AM1.5							Temperature Coefficient of Isc	+0.046%/K