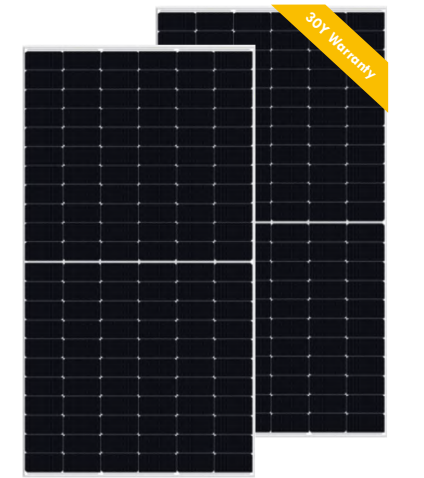


182M HALF CELL
490W-500W

- 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
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

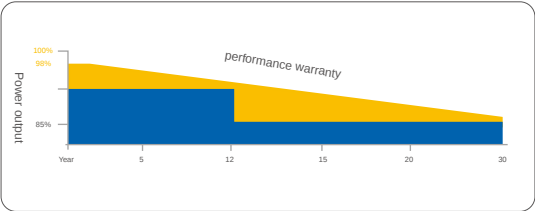
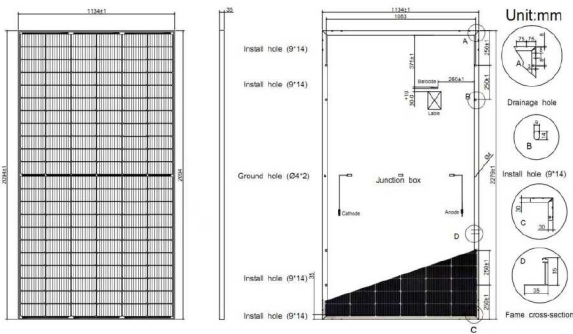


ELECTRICAL PERFORMANCE

Model Type	YH490W-36MH		YH495W-36MH		YH500W-36MH	
Dimensions (L / W / H)	2094×1134×35		2094×1134×35		2094×1134×35	
	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	490	364	495	368	500	372
Maximum Power Voltage (Vmp)	38.12	35.34	38.28	35.50	38.44	35.66
Maximum Power Current (Imp)	12.86	10.31	12.94	10.37	13.01	10.43
Open Circuit Voltage (Voc)	54.34±3%	42.48±3%	45.54±3%	42.66±3%	45.74±3%	42.84±3%
Short Circuit Current (Isc)	13.64±3%	10.99±3%	13.73±3%	1.07±3%	13.82±3%	11.15±3%
Module Efficiency(%)	20.63		20.84		21.05	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500/1000V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C



CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*91 Mono
No. of Cells	132 (6*11)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP68 3 diodes
Cable (Length/Cross-Sectional Area)	4mm² cable 100cm+MC4

PACKAGING SPECIFICATIONS

- 20FT container

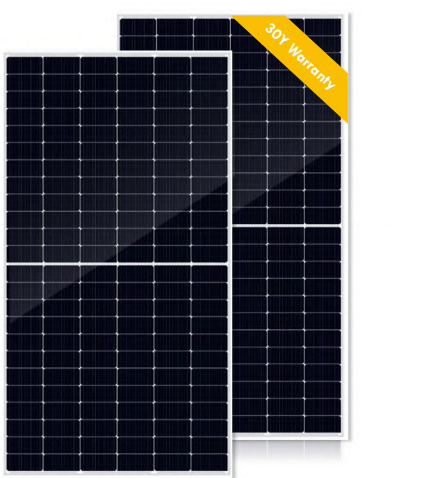
10Packages/245PCS
- 40HQ container

22Packages/682PCS

STC Irradiance 1000W/m² Cell Temperature 25 °C AM=1.5
NOCT Irradiance 800W/m² Ambient Temperature 20 °C AM=1.5

182M HALF CELL
535W-550W

- 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
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

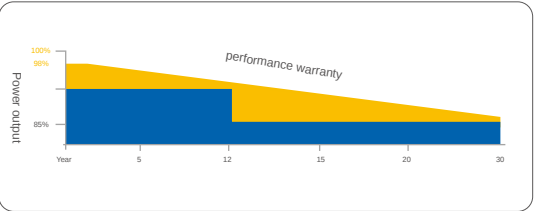
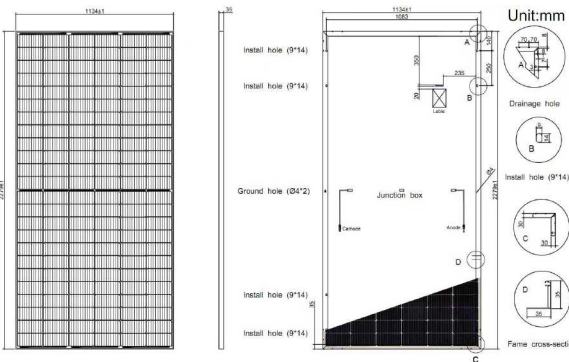


ELECTRICAL PERFORMANCE

Model Type	ST-530W		ST-540W		ST-550W	
Dimensions (L / W / H)	2279×1134×35		2279×1134×35		2279×1134×35	
	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	535	397.7	540	401.4	550	408.9
Maximum Power Voltage (Vmp)	41.60	38.62	41.76	38.78	42.10	39.09
Maximum Power Current (Imp)	12.84	10.30	12.93	10.35	13.06	10.46
Open Circuit Voltage (Voc)	49.5±3%	46.36±3%	49.7±3%	46.54±3%	50.1± 3%	46.92± 3%
Short Circuit Current (Isc)	13.61±3%	10.97±3%	13.72±3%	11.05±3%	13.9± 3%	11.2± 3%
Module Efficiency(%)	20.93		21.12		21.32	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500/1000V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C



CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*91 Mono
No. of Cells	144 (6*12)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP67/IP68
Cable (Length/Cross-Sectional Area)	4mm² cable 30cm+mc4

PACKAGING SPECIFICATIONS

- 20FT container

10Packages/275PCS
- 40HQ container

22Packages/620PCS

STC Irradiance 1000W/m² Cell Temperature 25 °C AM=1.5
NOCT Irradiance 800W/m² Ambient Temperature 20 °C AM=1.5