



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

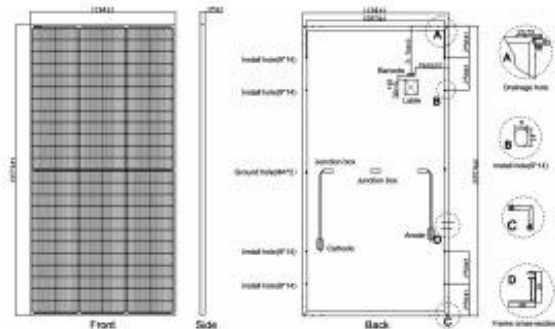


ELECTRICAL PERFORMANCE

Model Type	YH535W-36M		YH540W-36M		YH545W-36M		YH550W-36M	
Dimensions (L / W / H)	2279x1134x35		2279x1134x35		2279x1134x35		2279x1134x35	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	535	397.7	540	401.4	545	405.1	550	408
Maximum Power Voltage (Vmp)	41.6	38.62	41.76	38.78	41.93	38.93	42.1	39.09
Maximum Power Current (Imp)	12.84	10.3	12.93	10.35	13	10.41	13.06	10.46
Open Circuit Voltage (Voc)	49.5±3%	46.36±3%	49.7±3%	46.54±3%	49.9±3%	46.73±3%	50.1±3%	46.92±3%
Short Circuit Current (Isc)	13.61±3%	10.97±3%	13.72±3%	11.05±3%	13.81±3%	11.13±3%	13.9±3%	11.2±3%
Module Efficiency(%)	20.93		21.12		21.32		21.51	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	25
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.250%
Isc Temperature Coefficients(A/°C)	+0.04%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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+mo4

PACKAGING SPECIFICATIONS

-  20FT container 10Packages/275PCS
-  40HQ container 22Packages/620PCS

