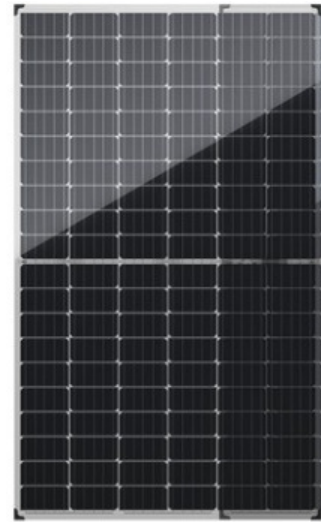


EHeM-Mo

N-Type, Mono-Half Cell Module

560-590 W

ENETRA's redefined mono - half cell module series are integrated with 182mm silicon wafers and combined with creative technology and improved design.



KEY FEATURES



MBB half cut cell with TOPCon technology



PID resistance



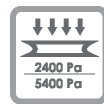
Better low light performance



Less shading effect

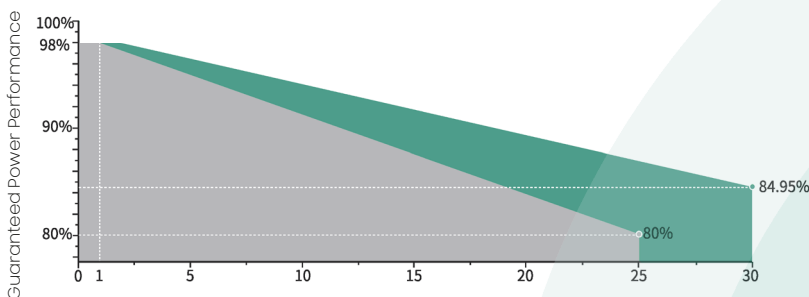


Higher power output



Enhanced mechanical load

WARRANTY



12 Year Product Warranty

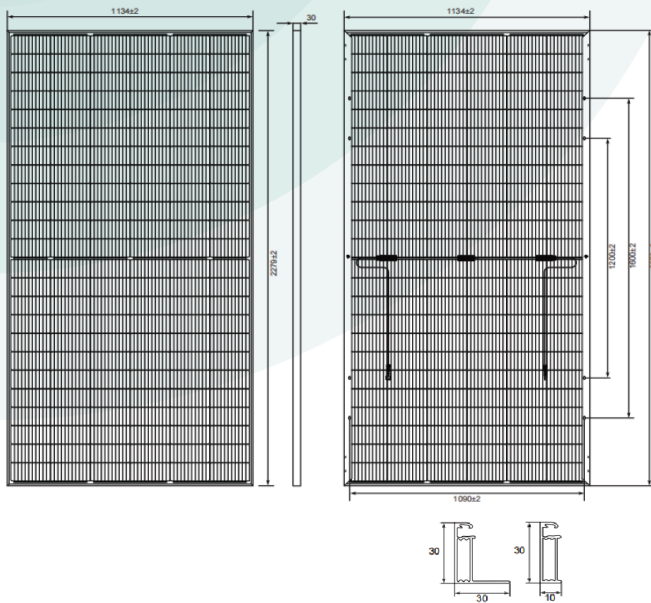
30 Year Linear Power Warranty

0.5% Annual Degradation Over 30 Years

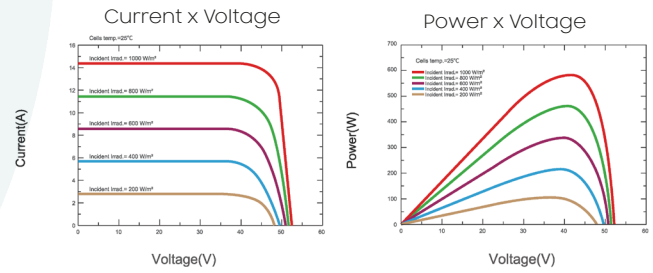
EHeM-Mo

N-Type, Mono-Half Cell Module 560-590 W

ENGINEERING DRAWINGS



Electrical Performance



MECHANICAL CHARACTERISTICS

Cell type	182 N type Mono-crystalline
No. of cells	144 (6x24)
Dimensions	2279x1134x30mm
Weight	31.6 kg
Junction Box	IP>=68, TUV & UL
Cable Length	300mm or as per customer requirement
Cable/Connector	4mm ² , TS4 / MC4-EVO2
Max. Static Load	Front: 5400Pa and Back: 2400Pa

Packaging Configuration

36pcs/pallet, 720pcs/40HQ Container

Packaging Configuration

Module Type	EHeM-Mo-560W		EHeM-Mo-565W		EHeM-Mo-570W		EHeM-Mo-575W		EHeM-Mo-580W		EHeM-Mo-585W		EHeM-Mo-590W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment														
Maximum Power (W)	560	422	565	426	570	430	575	433	580	437	585	441	590	445
Open Circuit Voltage (V)	50.63	48.09	50.83	48.28	51.03	48.47	51.23	48.66	51.42	48.84	51.62	49.03	51.82	49.22
Short Circuit Current (A)	14.06	11.35	14.12	11.39	14.18	11.44	14.24	11.49	14.31	11.55	14.38	11.61	14.45	11.67
Maximum Power Voltage (V)	42.17	39.25	42.36	39.42	42.51	39.56	42.69	39.76	42.89	39.97	43.05	40.15	42.23	40.33
Maximum Power Current (A)	13.28	10.75	13.34	10.80	13.41	10.86	13.47	10.9	13.53	10.94	13.59	10.98	13.65	11.02
Module Efficiency (%)	21.7		21.90		22.1		22.3		22.50		22.60		22.80	
Tolerance	0~+5W													
Maximum System Voltage	1500V(IEC)													
Temp. Coeff. of V _{oc}	-0.27 % / °C													
Temp. Coeff. of I _{sc}	0.048 % / °C													
Temp. Coeff. of P _m	-0.35 % / °C													
Operational temperature	-40 to -85 °C													
Nominal operating cell temperature (NOCT)	45 +/-2 °C													
Max. Series Fuse	30A													

*STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5 NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s