

LESSO

182 MBB Mono Perc Bifacial Half-cell Module



12 years product workmanship warranty

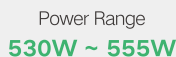


30 years linear power output warranty

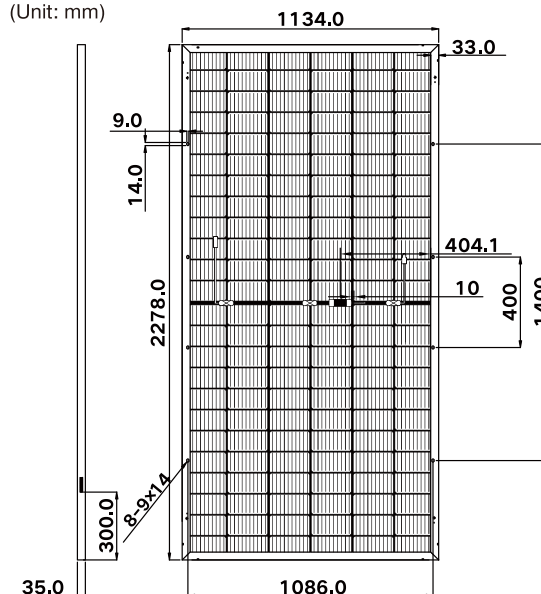


1st year power degradation no more than **2%**,
Subsequent annual power degradation no more than **0.45%**





(Unit: mm)



Model Type	530D(HBD) 72(182)	535D(HBD) 72(182)	540D(HBD) 72(182)	545D(HBD) 72(182)	550D(HBD) 72(182)	555D(HBD) 72(182)
Nominal Max. Power Pmax(W)	530	535	540	545	550	555
Maximum Power Voltage Vmp(V)	41.29	41.45	41.61	41.77	41.93	42.08
Maximum Power Current Imp(A)	12.84	12.91	12.98	13.05	13.12	13.19
Open Circuit Voltage Voc(V)	49.30	49.40	49.52	49.64	49.78	49.93
Short Circuit Current Isc(A)	13.73	13.80	13.87	13.94	14.01	14.07
Module Efficiency (%)	20.50	20.70	20.90	21.10	21.30	21.50
Power Tolerance (W)	0~+5W					

* Power measurement tolerance $\pm 3\%$.

Solar Cell Type	182mm Mono-crystalline (Half Cell)
Solar Cell Arrangement	144pcs(6×24)
Module Dimension	2278×1134×35mm
Weight	32.3kg
Front Glass	2.0mm, highly transparent tempered glass with anti-reflective coating
Frame	Anodized Aluminum Alloy
Junction Box	IP68 rated
Cable	4mm² PV cable, 300mm or customized length
Diode Quantity	3 pcs
Front side/Rear side	5400pa/2400pa
Connector	MC4 Compatible
Per Pallet	31pcs
Per Container(40'HQ)	620pcs

Model Type		530D(HBD) 72(182)	535D(HBD) 72(182)	540D(HBD) 72(182)	545D(HBD) 72(182)	550D(HBD) 72(182)	555D(HBD) 72(182)
Nominal Max. Power	P _{max} (W)	402	405	408	411	414	417
Maximum Power Voltage	V _{mp} (V)	38,65	38,78	38,88	39,00	39,13	39,26
Maximum Power Current	I _{mp} (A)	10.38	10.42	10.47	10.52	10.57	10.63
Open Circuit Voltage	V _{oc} (V)	47,00	47,18	47,37	47,56	47,75	47,94
Short Circuit Current	I _{sc} (A)	11.10	11.15	11.21	11.26	11.31	11.36

* Power measurement tolerance $\pm 3\%$.

Nominal Module Operating Temperature	44±2°C
Temperature Coefficient (Isc)	+0,07%
Temperature Coefficient (Voc)	-0,36%
Temperature Coefficient (Pmax)	-0,38%

Working Temperature	-40~70℃
Maximum System Voltage	1500V DC
Nominal Maximum Fuse Current	25A



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