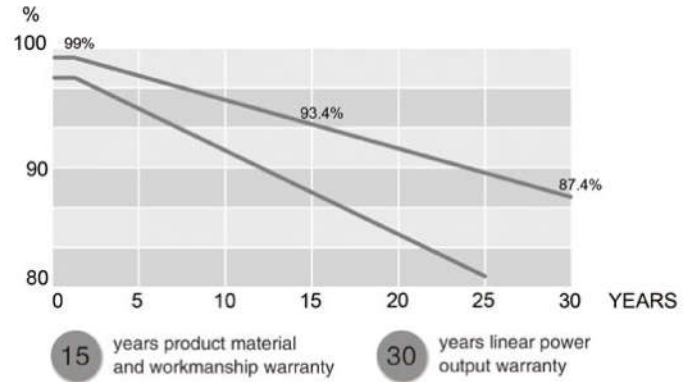
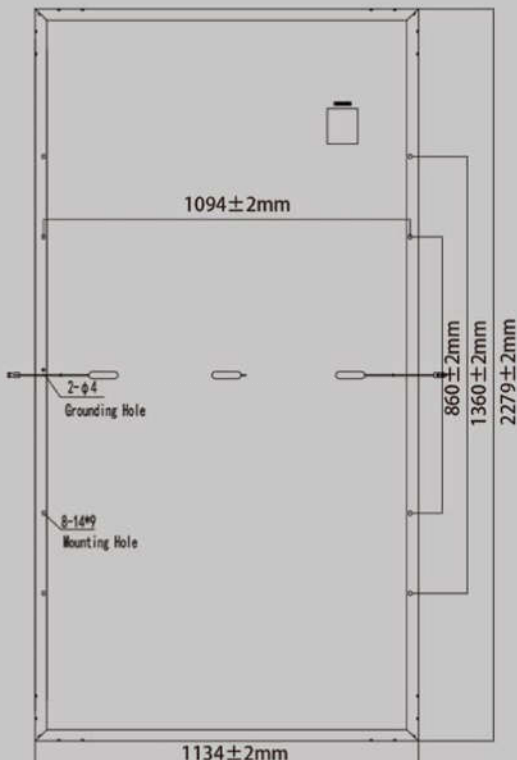


BM-10-144-580W(585W)
N-type mono crystalline



Electrical Specifications

Model	BM-10-144-580W	BM-10-144-585W
Peak power(Pmax)	580W	585W
Max.power voltage(Vmp)	43.43V	43.61V
Max.power current(Imp)	13.36A	13.42A
Open circuit voltage(Voc)	52.14V	52.34V
Short circuit current(Isc)	14.06A	14.12A
Efficiency	22.45%	21.65%
Power tolerance	0~+5W	
Max.system voltage	1500V DC	
Series fuse rating	25A	
Number of bypass diode	3	
Operating temperature	-40°C to +85°C	

STC:Irradiance 1000W/m² , Module temperature 25°C,AM=1.5

Mechanical Characteristics

Dimensions	2278*1134*35/30mm
Weight	144 cells in series (TOPCon182*91mm)
Solar cells	27kg,monofacial glass 32kg,bifacial dual glass
Monofacial glass	High transmits,Low Iron,3.2mm Tempered Glass
Bifacial glass	High transmits,Low Iron,2.0mm Tempered Glass
Cable	Cooper(4mm ²)
Lengths	300mm(+)and300mm(-),or customized
Connector	MC4 Plug Types
Fame	Aluminium-alloy

Quality Parameters

DC withstand voltage	Maximum 6000 VDC
Maximum load	5400pa
Hail test	Diameter 25mm,speed 23m/s

Packaging

Packaging Materils	corner protectors,cartons,pallets
Quantity	35mm thickness:31pcs/pallet;20pallets/40' HQ;620pcs/40' HQ
	30mm thickness:36pcs/pallet;20pallets/40' HQ;720pcs/40' HQ