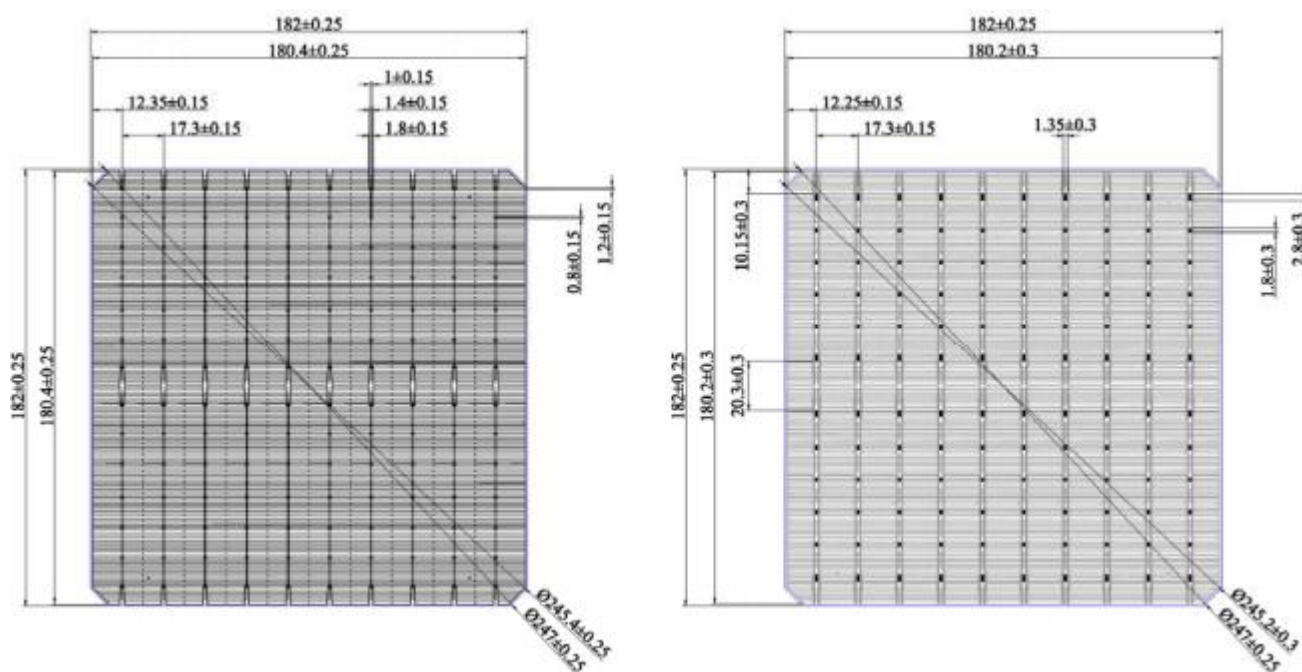




SAMEBAOT SOLAR ENERGY

DATASHEET FOR 182MM BIFACIAL MONO CELLS

Product Appearance



Technical Data And Design

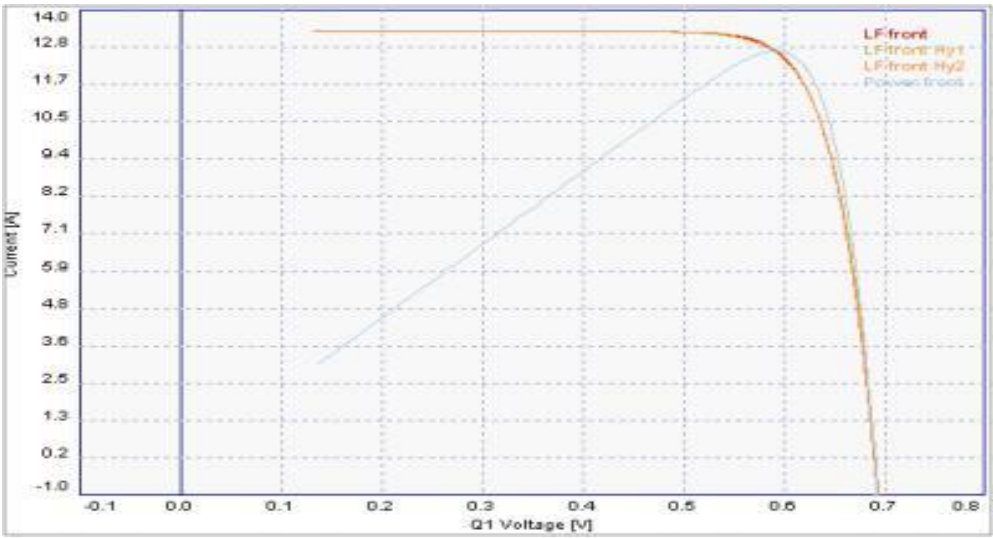
尺寸 Dimension	182mm × 182mm ± 0.25mm
直径 Diameter	247mm ± 0.25mm
厚度 Thickness	165μm±16.5μm
正面 Front	160 根细栅，蓝色氮化硅减反射膜 160 fingers, blue silicon nitride antireflection coating

背面 Rear	180 根铝栅，氧化铝、氮化硅 180 aluminum fingers, aluminum oxide, silicon nitride
说明 Description	FF

Temperature Coefficient

TkVoltage	-0.36%/K
TkCurrent	+0.07%/K
TkPower	-0.38%/K

Curve



Light Intensity Dependence

Intensity[W/m²]	1000	800	600	400	200
Voc	1	0.99	0.98	0.96	0.93
Isc	1	0.8	0.6	0.4	0.2

Electrical Characteristics

效率档位	最大功率	最大功率电压	最大功率电流	开路电压	短路电流
EFF	Pmpp (W)	Umpp (V)	Impp (A)	Voc (V)	Isc (A)

23.20%	7.66	0.601	12.75	0.691	13.43
23.10%	7.63	0.600	12.72	0.690	13.42
23.00%	7.59	0.599	12.67	0.689	13.41
22.90%	7.56	0.598	12.64	0.688	13.40
22.80%	7.53	0.597	12.61	0.687	13.39
22.70%	7.49	0.596	12.57	0.686	13.38
22.60%	7.46	0.595	12.54	0.685	13.37
22.50%	7.43	0.594	12.51	0.684	13.36
22.40%	7.40	0.593	12.48	0.683	13.35
22.30%	7.36	0.592	12.43	0.682	13.34
22.20%	7.33	0.591	12.40	0.681	13.33
22.10%	7.30	0.590	12.37	0.680	13.32