

RUNERGY

润阳股份

182-尺寸单晶-16BB-双面半片



光致衰减

辐照度:1000W/m², 标准太阳光谱 (AM1.5), 总辐照量:5kwh/m², 光致衰减为“0”



电池到组件的封装损失

电池片到组件的封装损失<3%, 封损更低, 更适合高效组件



抗PID性能

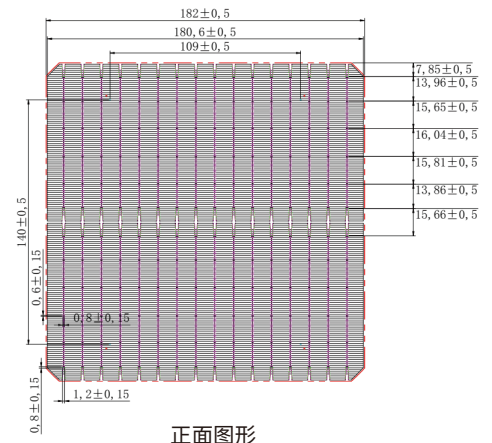
-1500V, 192小时, 功率衰减<5%

电池片型号/Solar cells model

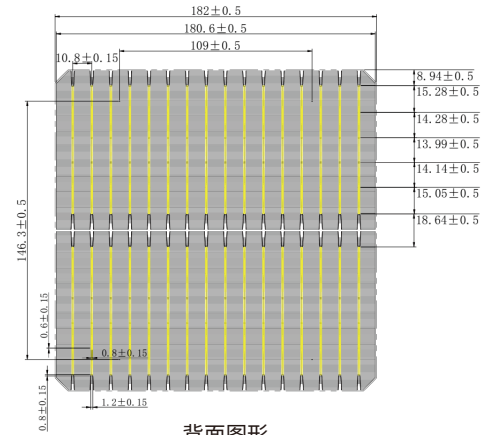
编码 code NM1016BF1B3

产品列表 / Product list

硅片类型 Silicon type	单晶 Mono-crystalline
尺寸规格 size	182*182±0.5Φ247mm
正面 Front surface	十六主栅/sixteen busbar 间距interval:10.8mm±0.15mm 正面焊盘宽度 Front busbar width:1.2/0.8±0.15mm
背面 Rear surface	十六主栅/sixteen busbar 间距interval:10.8mm±0.15mm 背面焊盘宽度/ Front busbar width:1.2/0.8±0.15mm
电池片厚度 Thickness	150±15μm
图形代码 Graphic code	DYB12



正面图形



背面图形

标准检验条件 (STC) / Standard Test Condition (STC)

a.光强Intensity	1000W/m ²
b.光谱Spectrum	AM1.5G
c.温度Temperature	25°C

温度系数 / Temperature coefficient

a.Voc	-0.25%/°C
b.Isc	+0.055%/°C
c.Pm	-0.32%/°C

正面效率 / Front Efficiency

档位 Eff(%)	效率区间 Efficiency	功率 Pmpp(W)	最大功率电流 Impp(A)	最大功率电压 Umpp(v)	短路电流 Isc(A)	开路电压 Uoc(V)
25.2	25.2-25.3	8.32	13.005	0.639	13.666	0.737
25.1	25.1-25.2	8.29	12.985	0.638	13.647	0.736
25.0	25.0-25.1	8.25	12.965	0.636	13.628	0.734
24.9	25.9-25.0	8.22	12.945	0.634	13.609	0.733
24.8	24.8-24.9	8.19	12.925	0.634	13.590	0.731
24.7	24.7-24.8	8.15	12.900	0.632	13.555	0.730
24.6	24.6-24.7	8.12	12.890	0.630	13.535	0.728
24.5	24.5-24.6	8.09	12.870	0.628	13.515	0.726
24.4	24.4-24.5	8.06	12.840	0.627	13.500	0.725
24.3	24.3-24.4	8.02	12.820	0.626	13.485	0.723
24.2	24.2-24.3	7.99	12.800	0.624	13.455	0.721
24.1	24.1-24.2	7.96	12.785	0.622	13.445	0.720
24.0	24-24.1	7.92	12.775	0.620	13.435	0.718
23.9	23.9-23.8	7.89	12.765	0.618	13.425	0.716
23.8	23.8-23.9	7.86	12.755	0.616	13.415	0.714
23.7	23.7-23.8	7.82	12.740	0.614	13.395	0.712

备注:

备注:此规格书适用于江苏润阳悦达光伏科技有限公司、江苏润阳光伏科技有限公司、江苏润阳世纪光伏科技有限公司、云南润阳世纪光伏科技有限公司、润阳国际光伏科技有限公司、润阳光伏科技(泰国)有限公司及润阳集团旗下相关公司。

Note:This specification can apply to Jiangsu Runergy Yueda PV Technology Co.,Ltd, Jiangsu Runergy PV Technology Co.,Ltd, Jiangsu Runergy Century PV Technology Co.,Ltd, Yunna Runergy Century PhotovoltaicTechnology Co.,Ltd, Runergy International PV Technology PTE.LTD, Runergy PV Technology (Thailand) Co., Ltd.and other related subordinate companies under Runergy Group.