

# RUNERGY

润阳股份

## 183-尺寸单晶-16BB-双面半片



### 光致衰减

辐照度:1000W/m<sup>2</sup>, 标准太阳光谱 (AM1.5), 总辐照量:5kwh/m<sup>2</sup>, 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

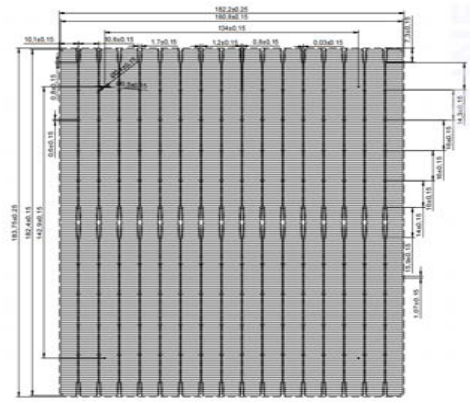
硅片类型 Silicon type	单晶 Mono-crystalline
尺寸规格 size	183.75*182.2±0.25Φ256mm
正面 Front surface	十六主栅/sixteen busbar 间距interval:10.8mm±0.15mm 正面焊盘宽度 Front busbar width:1.2/0.8±0.15mm
背面 Rear surface	十六主栅/sixteen busbar 间距interval:10.8mm±0.15mm 背面焊盘宽度/ Front busbar width:1.2/0.8±0.15mm
电池片厚度 Thickness	130±13μm
图形代码 Graphic code	YQ14

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

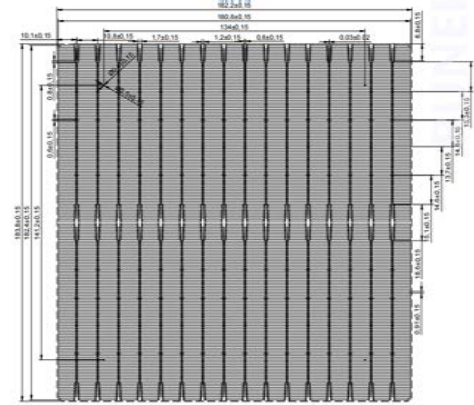
a.光强Intensity	1000W/m <sup>2</sup>
b.光谱Spectrum	AM1.5G
c.温度Temperature	25°C

## 温度系数 / Temperature coefficient

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



正面图形



背面图形

## 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	8.43	13.3175	0.633	14.13	0.73635
25.1	25.1-25.2	8.4	13.2911	0.632	14.12	0.73532
25.0	25.0-25.1	8.37	13.2647	0.631	14.11	0.73429
24.9	24.9-25.0	8.33	13.2222	0.63	14.1	0.73326
24.8	24.8-24.9	8.30	13.1955	0.629	14.09	0.73223
24.7	24.7-24.8	8.27	13.2109	0.626	14.08	0.7312
24.6	24.6-24.7	8.23	13.1491	0.6259	14.07	0.73017
24.5	24.5-24.6	8.20	13.1053	0.6257	14.06	0.72914
24.4	24.4-24.5	8.17	13.0616	0.6255	14.05	0.72811
24.3	24.3-24.4	8.13	13.0059	0.6251	14.04	0.72708
24.2	24.2-24.3	8.10	12.9600	0.625	14.03	0.72605
24.1	24.1-24.2	8.07	12.9182	0.6247	14.02	0.72502
24.0	24.0-24.1	8.03	12.8583	0.6245	14.01	0.72399
23.9	23.9-24.0	8.00	12.8123	0.6244	14	0.72296
23.8	23.8-23.9	7.97	12.7724	0.624	13.99	0.72193
23.7	23.7-23.8	7.93	12.7144	0.6237	13.98	0.7209
23.6	23.6-23.7	7.90	12.6765	0.6232	13.97	0.71987
23.5	23.5-23.6	7.87	12.6385	0.6227	13.96	0.71884

### 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.