西安黄河光伏科技股份有限公司
Xi'an Huanghe Photovoltaic
Technology Co., Ltd.

SOLAR Huanghe

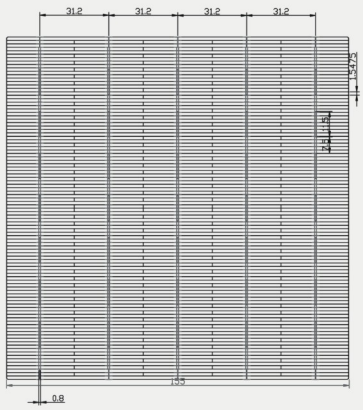
Polycrystalline cells

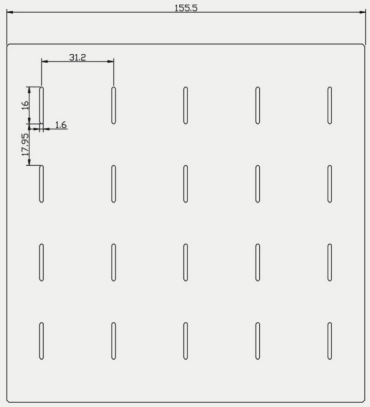
多晶硅电池片156.75×156.75(Φ221)

Polycrystalline cells 156.75×156.75

技术参数 Technical parameters

输出功率 Output power:4.52~4.67W
平均转换效率 Average conversion efficiency:≥18.7%
开路电压 Open-circuit voltage:0.63V±0.02V
串联电阻 Serial resistance:3mΩ±1mΩ
并联电阻 Parallel resistance: 100Ω（平均值 Avg）
厚度 Thickness:200±20μm





多晶电池电参数 Electric parameters of polycrystalline cells

Model	Effciency(%)	Pmpp(W)	Uoc(V)	Isc(A)	FF(%)
1	19.0%-19.1%	4.67	0.639	9.07	80.6
2	18.9%-19.0%	4.64	0.638	9.04	80.5
3	18.8%-18.9%	4.62	0.637	9.02	80.4
4	18.7%-18.8%	4.59	0.637	8.98	80.3
5	18.6%-18.7%	4.57	0.636	8.96	80.2
6	18.5%-18.6%	4.55	0.635	8.95	80.1
7	18.4%-18.5%	4.52	0.635	8.91	79.9

电池片特点

1.电池转换效率高，电性能衰减小
2.使用寿命≥25年，工作输出稳定
3.采用先进的PECVD设备，电池外观颜色均匀一致
4.电池电极具有良好的可焊性，易于自动焊接
5.具备良好的抗PID特性

Cell features

1.High photoelectric conversion rate
2.Life time: ≥25 years, small attenuation, stable operation
3.Adopting advanced PECVD equipment and first-class suede technology to make the color beautiful and uniform
4.Screen print pattern of high precision and good evenness make it easy to weld and cut the cells automatically
5.Excellent resistance performance of PID