

ExcelTon™-II

6" 3BB Mono-crystalline Solar Cell (205D)

Dimensions

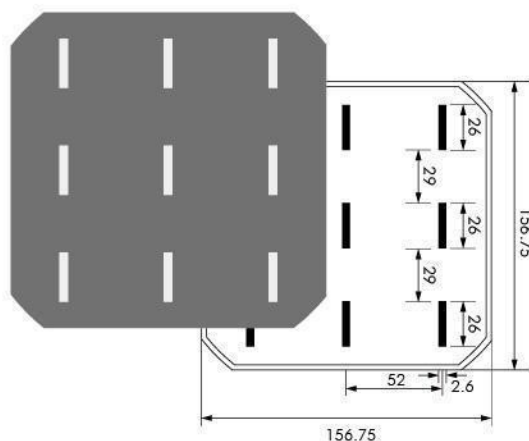
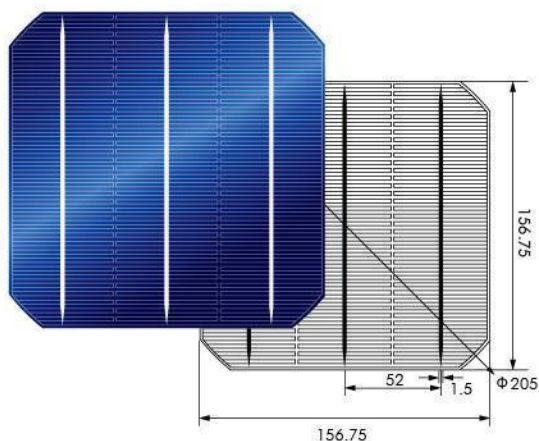
Size 156.75mm x 156.75mm ± 0.25mm

With 205mm ± 0.25mm diagonal

Thickness(Si) 180μm ± 20μm / 200μm ± 20μm

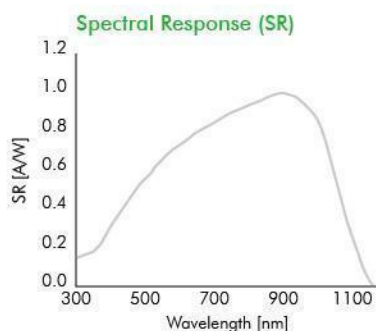
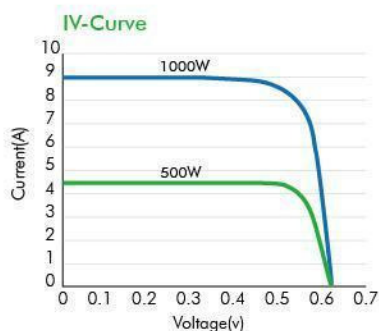
Features

1. PID-free.
2. Both efficiency and I_{mp} sorting to enhance module output power.
3. 100% in-line inspection of optical, I_{rev} (<2.0A @ -10V, <2.5A @ -12V) and R_{sh} (>10 ohm).
4. Long term efficiency stability and excellent reliability.
5. ISO 9001, ISO 14001 and OHSAS 18001 certified.



Efficiency Code	Efficiency (%)	Charged Power (Wp)	I_{mp} (A)	V_{mp} (V)	I_{sc} (A)	V_{oc} (V)
ETS6-1980	19.80	4.81	8.78	0.547	9.25	0.643
ETS6-1970	19.70	4.78	8.76	0.546	9.24	0.643
ETS6-1960	19.60	4.76	8.74	0.545	9.23	0.642
ETS6-1950	19.50	4.74	8.72	0.544	9.22	0.642
ETS6-1940	19.40	4.71	8.70	0.543	9.21	0.641
ETS6-1930	19.30	4.69	8.68	0.541	9.19	0.640
ETS6-1920	19.20	4.66	8.66	0.540	9.18	0.639
ETS6-1910	19.10	4.64	8.65	0.538	9.17	0.639
ETS6-1900	19.00	4.61	8.64	0.536	9.16	0.638
ETS6-1890	18.90	4.59	8.63	0.534	9.15	0.637
ETS6-1880	18.80	4.57	8.61	0.531	9.14	0.637

* Under standard test condition: 1000W / m², AM 1.5, 25°C * Average accuracy of all tested figures is ±1.0% rel.



Temperature Coefficient

Current (Alpha)	0.035%/°C
Voltage (Beta)	-0.309%/°C
Power (Gamma)	-0.342%/°C

