

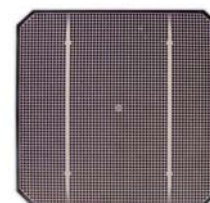
Technical Specification for Cells Sale Ed.04

ELECTRICAL CHARACTERISTICS

Cell Type	Isocell	Class	I _{cl} (A)	Min. Power(W)	Average Power(W)	Average Efficiency(%)
CELLS 103	103 135 142	3	2,96 - 3,089	1,4208	1,4520	13,9
	103 135 135	4	2,82 - 2,959	1,3536	1,3872	13,3
	103 135 128	5	2,66 - 2,819	1,2768	1,3152	12,6
	103 135 121	6	2,53 - 2,659	1,2144	1,2456	11,9
	103 135 115	7	2,40 - 2,529	1,1520	1,1832	11,3
	103 135 077	8X	1,60 - 2,399	0,7680	0,9600	9,2
	103 135 062	9X	1,30 - 1,599	0,6240	0,6960	6,7
	103 135 048	9Y	1,00 - 1,299	0,4800	0,5520	5,3

DIMENSIONS

CELL TYPE	Cells 103
SIDE LENGTH	102.8 +/- 0.5 mm
DIAGONAL	135 +/- 0.5 mm
THICKNESS	260 +/- 45 µm

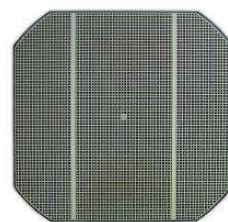


ELECTRICAL CHARACTERISTICS

Cell Type	Isocell	Class	I _{cl} (A)	Min. Power(W)	Average Power(W)	Average Efficiency(%)
CELLS 125	125 150 216	1	4,50 - 4,619	2,1600	2,1900	14,7
	125 150 210	2	4,38 - 4,499	2,1024	2,1300	14,3
	125 150 204	3	4,25 - 4,379	2,0400	2,0712	13,9
	125 150 199	4	4,15 - 4,249	1,9920	2,0160	13,6
	125 150 194	5	4,05 - 4,149	1,9440	1,9680	13,3
	125 150 187	6	3,90 - 4,049	1,8720	1,9080	12,8
	125 150 173	7	3,60 - 3,899	1,7280	1,8000	12,1
	125 150 115	8X	2,40 - 3,599	1,1520	1,4400	9,7
	125 150 086	9X	1,80 - 2,399	0,8640	0,9600	6,5
	125 150 048	9Y	1,00 - 1,799	0,4800	0,6720	4,5

DIMENSIONS

CELL TYPE	Cells 125
SIDE LENGTH	125 +/- 0.5 mm
DIAGONAL	150 +/- 0.5 mm
THICKNESS	260 +/- 45 µm

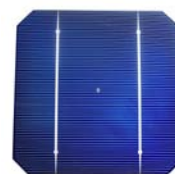


ELECTRICAL CHARACTERISTICS

Cell Type	Isocell	Class	Min. Power(W)	Average Power(W)	Average Efficiency(%)
CELLS 156 Diameter 195	156 195 355	3	3,55	3,6	15,22
	156 195 345	4	3,45	3,5	14,80
	156 195 335	5	3,35	3,4	14,38
	156 195 325	6	3,25	3,3	13,95
	156 195 315	7	3,15	3,2	13,53
	156 195 305	8	3,05	3,1	13,11
	156 195 200	9X	2,00	2,5	10,68
	156 195 100	9Y	1,00	1,5	6,34
CELLS 156 Diameter 200	156 200 355	3	3,55	3,6	15,07
	156 200 345	4	3,45	3,5	14,65
	156 200 335	5	3,35	3,4	14,23
	156 200 325	6	3,25	3,3	13,82
	156 200 315	7	3,15	3,2	13,40
	156 200 305	8	3,05	3,1	12,98
	156 200 200	9X	2,00	2,5	10,57
	156 200 100	9Y	1,00	1,5	6,28

DIMENSIONS

	Diameter 195	Diameter 200
CELL TYPE	Cells 156	Cells 156
SIDE LENGTH	156 +/- 0.5 mm	156 +/- 0.5 mm
DIAGONAL	195 +/- 0.5 mm	200 +/- 0.5 mm
THICKNESS	260 +/- 45 µm	260 +/- 45 µm



OBSERVATION

• **Measurement Conditions:** Radiation: 1.000 Wm⁻²; Spectral Distribution AM: 1,5 G; Ttemperatre: 25° C.

▪ **Characteristics:** material: Si monocristaline; Area: 104,4 cm² (cells 103), 148,5 cm² (cells 125), 236,52 cm² (cells 156 diameter 195), 238,85 cm² (cells 156 diameter 200); shape: Pseudosquare.

▪ All specifications are subject to change without prior notice. For fuller details please visit www.isofoton.com