

## 125mm x 125mm monocrystalline silicon cell

### 125mm x 125mm monocrystalline silicon cell (IS125 Dia165mm)

Model	Efficiency	Power	Max Power Current	Max Power Voltage	Short Circuit Current	Open Circuit Voltage	Fill Factor
	Eff(%)	Ppm(W)	Ipm(A)	Vpm(V)	Isc(A)	Voc(V)	FF(%)
SPSM125×165S-P1	≥ 18.1	2.809	5.346	0.528	5.720	0.628	79.02
SPSM125×165S-V1	17.90-18.10	2.782	5.304	0.526	5.696	0.626	78.86
SPSM125×165S-S1	17.70-17.90	2.754	5.257	0.524	5.599	0.625	78.73
SPSM125×165S-S2	17.50-17.70	2.727	5.220	0.522	5.566	0.623	78.63
SPSM125×165S-S3	17.30-17.50	2.697	5.178	0.520	5.535	0.622	78.35
SPSM125×165S-S4	17.10-17.30	2.663	5.132	0.519	5.511	0.621	77.80
SPSM125×165S-H1	16.90-17.10	2.633	5.092	0.517	5.479	0.62	77.45
SPSM125×165S-H2	16.70-16.90	2.602	5.058	0.515	5.494	0.62	76.32
SPSM125×165S-H3	16.50-16.70	2.572	5.024	0.512	5.510	0.622	75.11
SPSM125×165S-H4	16.30-16.50	2.539	4.981	0.510	5.545	0.622	73.60
SPSM125×165S-H5	16.10-16.30	2.508	4.922	0.509	5.483	0.622	73.59
SPSM125×165S-M1	15.90-16.10	2.478	4.863	0.509	5.476	0.622	72.73
SPSM125×165S-M2	15.70-15.90	2.445	4.807	0.508	5.453	0.624	71.84
SPSM125×165S-M3	15.50-15.70	2.415	4.762	0.507	5.470	0.622	70.49

**IS125**

Product	Monocrystalline silicon solar cell
Dimension	125mm×125mm ±0.5mm
Diagonal	165mm±1.0mm(Round chamfers)
Thickness(Si)	220μm±20μm
Front	Blue silicon nitride antireflection coatings 1.5mm silver busbar
Back	Full-surface aluminum back-surface field 4.5mm(silver/aluminum)continuous soldering pads

