

■ SOLAR CELLS FOR SPACE USE

Model No. (Representative examples)	Mechanical specifications				Electrical characteristics (TYP.)						
	c en	Thickness (μm)	Options		Electrode type	Open circuit voltage Voc (mW)	Short circuit current Isc (mA)	Maximum power voltage Vmp (mV)	Maximum power current Imp (mA)	Maximum power Pmax (mW)	Cell conversion efficiency (%)
			Dimensions (cm)	Cover glass							
106-□20◇○○-1	BSR	200	Letter m ○	Letter in □ means B without cover glass C with cover glass Y: CIC	Letter m O means: W: for welding S: for soldering	545	162	450	152	68.4	126
106-020000-2	BSR	200	means: 22: 2 × 2 cm			585	159	500	146	73.0	13.5
104-005000	BSFR	50	24: 2 × 4 cm			605	160	500	154	77.0	14.2
106-007000	BSFR	70	26: 2 × 6 cm			605	163	500	156	78.0	14.4
107-D1 0000	BSFR	100	46: 4 × 6 cm			605	170	500	160	80.0	14.8

Electrical characteristics show representative values of 2 cm × 2 cm cells. Conversion efficiency means practical conversion efficiency. Measuring condition:

AMO 1 353 W/m²; 28°C

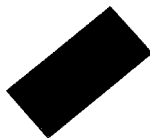
BSR: Back Surface Reflector Solar Cell

BSFR: Back Surface Field & Reflector Solar Cell

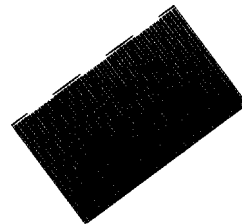
CIC: Connector Integrated Solar Cell



2 × 2 cm



2 × 4 cm



4 × 6 cm