

Model	MCA 250	MCA 265	MCA 270	MCA 275	MCA 280	MCA 285	MCA 290	MCA 295	MCA 300
Type of cells	6" Mono crystalline Silicon								
Number of cells	60								
Module Peak Efficiency	18%								
Wattage (Wp)	250	265	270	275	280	285	290	295	300
Voltage at max. power (Vmax)	31.1	32.0	32.3	32.5	32.7	32.9	33.2	33.4	33.7
Open Circuit Voltage (Voc)	37.8	38.1	38.3	38.6	38.8	39.0	39.3	39.6	39.9
Current at maximum power (Imax)	8.04	8.28	8.36	8.46	8.56	8.66	8.73	8.83	8.90
Short circuit current (Isc)	8.14	8.33	8.42	8.54	8.65	8.74	8.85	8.96	9.05
Frame	Anodized Aluminium								
Front Glass	Tempered 3.2mm								
Junction box	IP67								
Cable	4mm ² PV Cable								
Connector	MC4								
Number of Diode	3								
Dimensions (mm)	1640 x 992 x 35								
Max Series fuse rating	15A								
Weight (kg)	17.8								
Operating temperature (Deg. C)	-40 to +85								
Application Class	Class A								
Maximum system voltage	1000 VDC								
Temp. Coefficients	Power = - 0.37% / °C Voltage = - 0.31% / °C Current = - 0.05% / °C								
NOCT	45 +/- 2 °C								
Maximum Load	5400 Pa								