

# Datasheet

	SR 248	SR 186 L	SR 186 Q	SR 166	SR 124	SR 82 L	SR 82 Q	SR 72
<b>Maximum power (0%, +5%) [W]</b>	248	186	186	166	124	82	82	72
<b>Length Y [mm]</b>	1364	1523	1046	1364	1046	1364	728	1205
<b>Width X [mm]</b>	994	683	994	683	683	365	683	365
<b>Thickness [mm]</b>	2	2	2	2	2	2	2	2
<b>Weight [kg]</b>	3.00	2.40	2.40	2.10	1.70	1.20	1.20	1.10
<b>Max power Voltage Vmp [V]</b>	26.1	19.6	19.6	17.5	13.1	8.6	8.6	7.6
<b>Max power Current Imp [A]</b>	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
<b>Open circuit voltage Voc [V]</b>	32.0	24.0	24.0	21.3	16.0	10.7	10.7	9.3
<b>Short circuit current Isc [A]</b>	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
<b>NOCT [°C]</b>	45 ± 2	45 ± 2	45 ± 2	45 ± 2	45 ± 2	45 ± 2	45 ± 2	45 ± 2
<b>Operating temperature [°C]</b>	-40/+85	-40/+85	-40/+85	-40/+85	-40/+85	-40/+85	-40/+85	-40/+85
<b>Temp. coeff. Pmax [%/°C]</b>	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40
<b>Temp. coeff. Voc [%/°C]</b>	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32
<b>Temp. coeff. Isc [%/°C]</b>	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
<b>Columns x Rows (cells n°)</b>	6x8 (48)	4x9 (36)	6x6 (36)	4x8 (32)	4x6 (24)	2x8 (16)	4x4 (16)	2x7 (14)
<b>Maximum system voltage [V]</b>	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V
<b>Maximum reverse current [A]</b>	12 A	12 A	12 A	12 A	12 A	12 A	12 A	12 A
<b>Safety class</b>	A	A	A	A	A	A	A	A

\* Values at STC = Standard Test Conditions: (a) light Spectrum for an Air Mass of 1.5; (b) irradiance of 1000 W/m<sup>2</sup> with perpendicular incidence and (c) cell temperature of 25 °C. Measurements carried out according to the Standard IEC 61215 requirements.