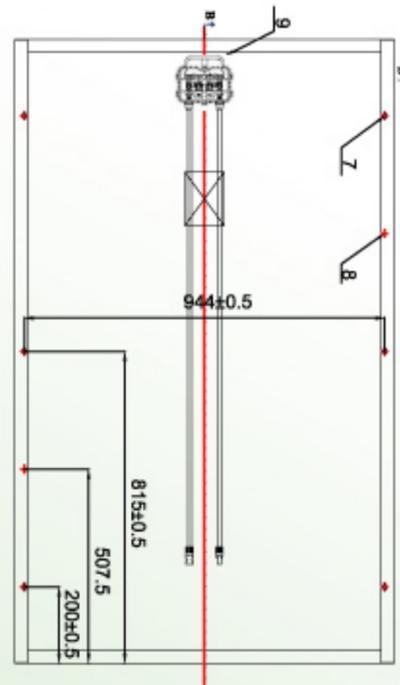
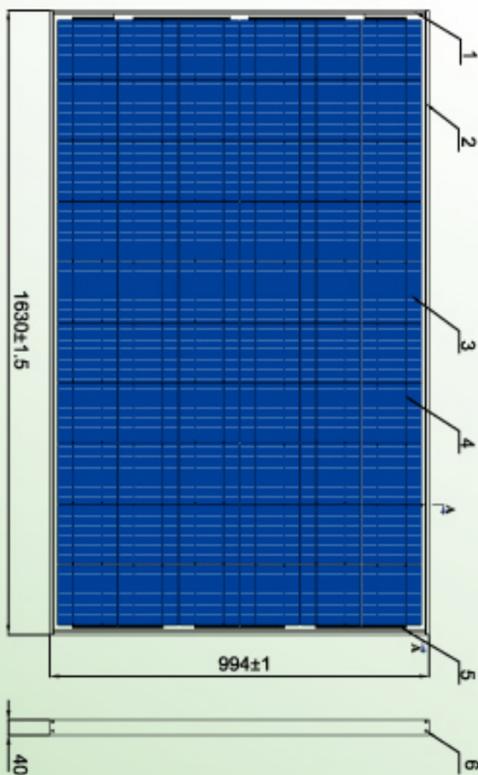


chaorisolar Electrical and Mechanical Characteristics

MODEL	CRM240S 156P-60	CRM235S 156P-60	CRM230S 156P-60	CRM225S 156P-60	CRM220S 156P-60	CRM215S 156P-60	CRM210S 156P-60
Nominal Maximum Output	240W	235W	230W	225W	220W	215W	210W
Nominal Open Circuit Voltage	37.5V	37.3V	37.1V	37.0V	36.8V	36.5V	36.1V
Nominal Short Circuit Current	8.40A	8.31A	8.21A	8.15A	8.08A	8.04A	7.99A
Nominal Maximum Output Voltage	30.3V	30.1V	29.8V	29.5V	29.2V	28.8V	28.3V
Nominal Maximum Output Current	7.91A	7.81A	7.71A	7.63A	7.53A	7.47A	7.42A
Nominal Mass	19Kg						
Dimensions	1636 x 994 x 40 mm						
Cells	60pcs polycrystalline						
Cells Dimensions	156 x 156 mm						
Maximum system voltage	1000V						

Temperature and Coefficients		Limits	
NOCT	$50 \pm 2^\circ\text{C}$	Tolerance Wattage	$\pm 3\%$
Temperature Coefficients of Isc	+0.104%/K	Temperature Range	$-40^\circ\text{C} \text{ — } +85^\circ\text{C}$
Temperature Coefficients of Voc	-0.343%/K	Surface Maximum Load Capacity	5400Pa
Temperature Coefficients of Pm	-0.462%/K	Max Reverse Current Load	15A



IV-CURVES of PV module
CRM220S156P

IV-CURVES of PV module
CRM220S156P
at various cell temperatures

IRRADIANCE: AM 1.5, 1kw/m²

