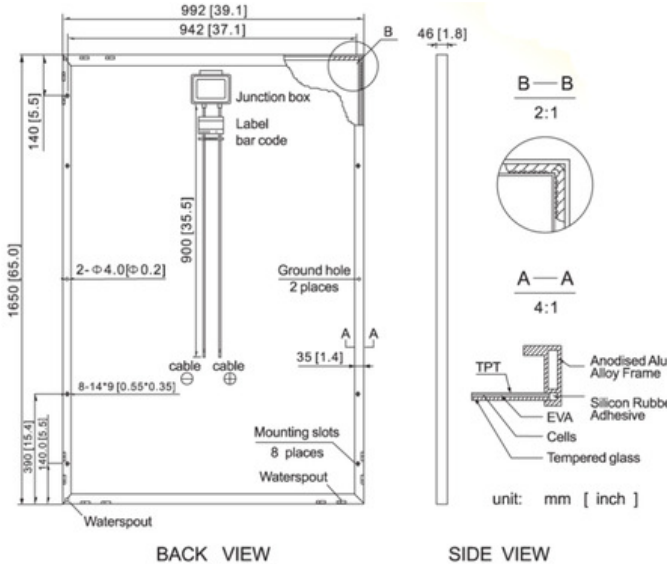


CEP-250P-60 SERIES

Polycrystalline Silicon Solar Module

High efficiency photovoltaic module using silicon nitride coated polycrystalline silicon cells

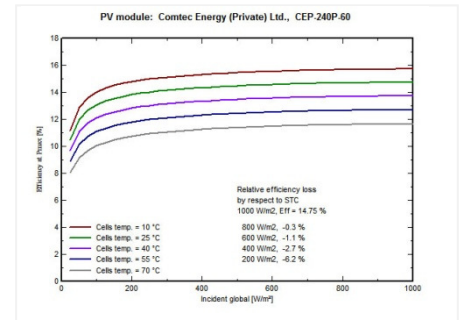
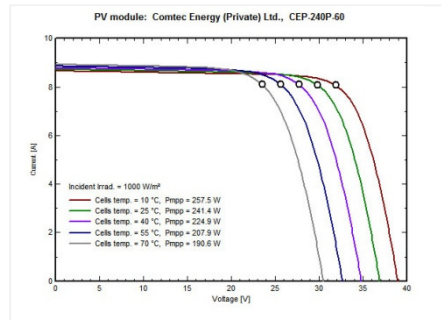
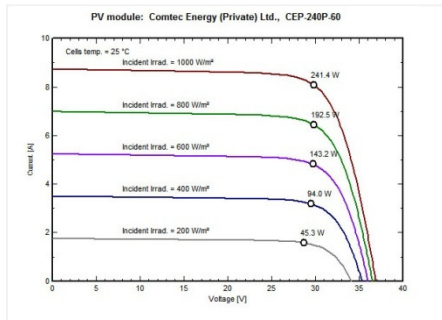


Mechanical Characteristics

Cell Size (mm)	156 x 156
Module Size (mm)	1650 x 992 x 40
No. of cells	60 (6x10)
Frame Type	Aluminium
Weight (Kg)	18.5
No. of mounting holes	8
No. of waterspouts	16

Temperature Coefficients

NOCT	45°C ± 2°C
Temperature coefficient of I_{sc}	0.05%/°C
Temperature coefficient of V_{oc}	-0.33%/°C
Temperature coefficient of P_{max}	-0.44%/°C
Power Tolerance	0/+ 3%
Working Temperature	-40°C to +85°C



Electrical Characteristics

Model	CEP-225P-60	CEP-230P-60	CEP-235P-60	CEP-240P-60
P_m (Wp)	225	230	235	240
V_{mp} (Volts)	28.85	30.15	30.64	30.89
I_{mp} (Amps)	7.54	7.63	7.67	7.77
V_{oc} (Volts)	36.78	37.0	37.18	37.35
I_{sc} (Amps)	8.29	8.30	8.34	8.38
Max System Voltage	1000VDC	1000VDC	1000VDC	1000VDC

STC : Irradiance 1000W/m², Temperature 25°C, AM=1.5

Model	CEP-245P-60	CEP-250P-60	CEP-255P-60	CEP-260M-60
P_m (Wp)	245	250	255	260
V_{mp} (Volts)	31.29	31.73	31.92	32.10
I_{mp} (Amps)	7.83	7.88	7.96	8.10
V_{oc} (Volts)	37.42	37.58	37.73	37.92
I_{sc} (Amps)	8.45	8.49	8.52	8.64
Max System Voltage	1000VDC	1000VDC	1000VDC	1000VDC

STC : Irradiance 1000W/m², Temperature 25°C, AM=1.5

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