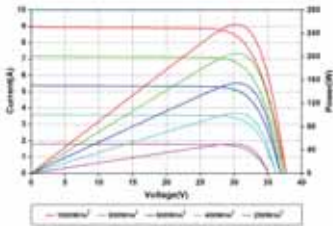
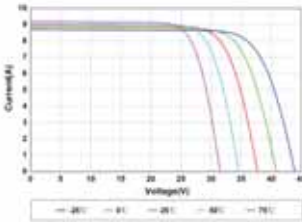




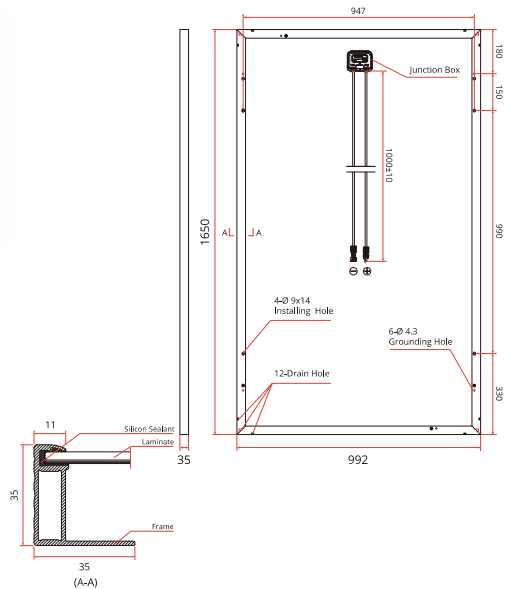
Futuresolar Standard 60Cells Poly Solar Panel



Current-Voltage and Power-Voltage Curves at Different Irradiances



Current-Voltage Curves at Different Temperatures



ELECTRICAL CHARACTERISTICS	AT STC									
Nominal Power (P_{max})	240W	245W	250W	255W	260W	265W	270W	275W		
Open Circuit Voltage (V_{oc})	37.7V	37.9V	38.0V	38.1V	38.2V	38.3V	38.4V	38.5V		
Short Circuit Current (I_{sc})	8.57A	8.66A	8.75A	8.83A	8.90A	8.98A	9.06A	9.15A		
Voltage at Nominal Power (V_{mp})	29.9V	30.1V	30.3V	30.5V	30.7V	30.9V	31.1V	31.3V		
Current at Nominal Power (I_{mp})	8.03A	8.14A	8.26A	8.37A	8.47A	8.58A	8.69A	8.79A		
Module Efficiency (%)	14.75	15.06	15.37	15.67	15.98	16.29	16.60	16.90		
Operating Temperature	-40°C to +85°C									
Maximum System Voltage	1000V DC									
Fire Resistance Rating	Class C(IEC61730)									
Maximum Series Fuse Rating	15A									

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5