

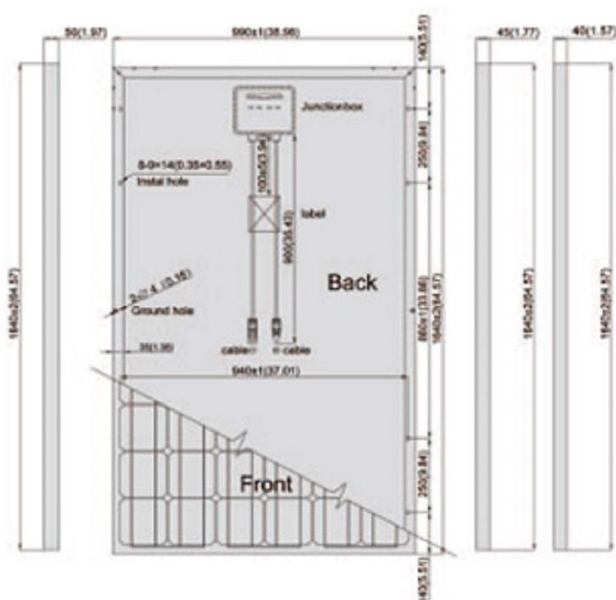
Description/Model	CNSDPV 210(60)M6 -50/45	CNSDPV 215(60)M6 -50/45	CNSDPV 220(60)M6 -50/45	CNSDPV 225(60)M6 -50/45	CNSDPV 230(60)M6 -50/45	CNSDPV 235(60)M6 -50/45	CNSDPV 240(60)M6 -50/45	CNSDPV 245(60)M6 -50/45	CNSDPV 250(60)M6 -50/45
Rated maximum power (Pmax)	210	215	220	225	230	235	240	245	250
Open circuit voltage (Voc)	36.20	36.40	36.50	36.70	36.80	36.80	37.00	37.20	37.30
Short circuit current (Isc)	8.14	8.20	8.28	8.36	8.45	8.54	8.62	8.69	8.78
Maximum power voltage (Vmp)	28.80	29.0	29.10	29.30	29.50	29.60	29.80	30.00	30.10
Maximum power current (Imp)	7.30	7.41	7.57	7.68	7.80	7.94	8.06	8.17	8.31
Cell efficiency (%)	14.70%	15.05%	15.40%	15.75%	16.10%	16.45%	16.80%	17.15%	17.50%
Max system voltage (VDC)	1000V DC								
Temperature coefficient of Voc	-0.34%/°C								
Temperature coefficient of Isc	+0.049%/°C								
Temperature coefficient of power	-0.430%/°C								
Maximum Series Fuse Rating	15 A								
Solar cell and configuration	60pcs (6*10) in series, 156*156mm monocrystalline								
Junction box	IP65, 1000 VDC, TUV certified; 6 pcs Schottky By-pass diodes								
Cable type & connector	4mm <sup>2</sup> , TUV certificated, 0.9m length; MC4								
Encapsulation	low iron tempered glass, 3.2mm thickness, light transmission above 91%; black TPT and fast cure EVA								
Frame	clear anodized aluminum alloy, 50/45/40mm thickness, black								
Dimension (L*W*H)	1640*990*50mm (CNSDPVXXX(60)M6-50)				1640*990*45mm (CNSDPVXXX(60)M6-45)				
Weight	20±1kg (CNSDPVXXX(60)M6-50)				19±1kg (CNSDPVXXX(60)M6-45)				
Heavy mechanical load salient features	5400Pa (according to IEC61215)								
Hail impact test	Ice ball diameter 25mm, 23m/s								
Operating temperature	-40°C ~ +85°C								

Standard test conditions: STC: AM=1.5, 1000W/m<sup>2</sup>, cells temperature 25°C

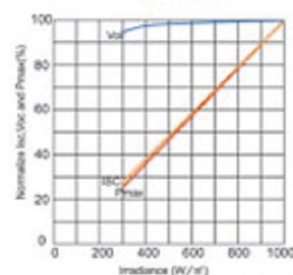
Power tolerance: ±3% (can be provided 0~+3%)

NOCT: 45±2°C

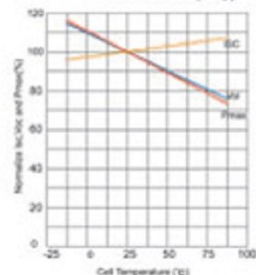
Physical Characteristics Unit:mm(inch)



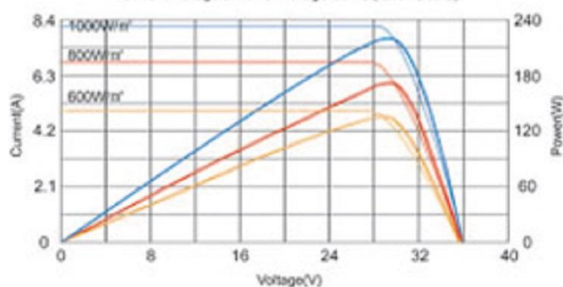
Temperature dependence of Isc, Voc and Pmax



Irradiance dependence of Isc, Voc and Pmax(25°C)



Current-Voltage & Power-Voltage Curve (220W, 25°C)



Specifications is subjected to change without further notification

