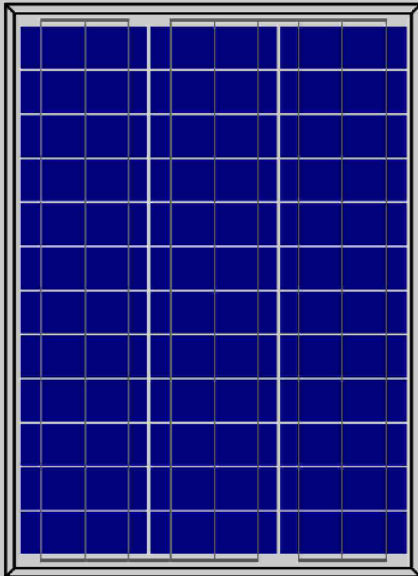
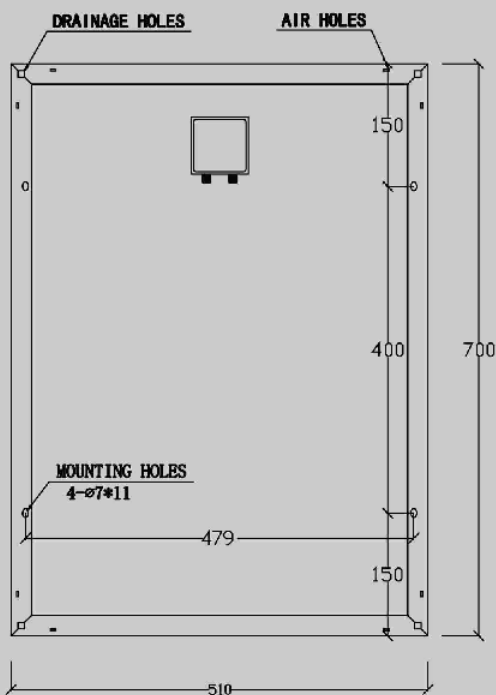


Engineering Drawings (Front Side)



Engineering Drawings (Black Side)



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Raw materials and Mechanical Parameters

	P6-45	P6-50
Type of Cells(mm)	Poly156 × 152	
NO. of Cells and Connections	3 × 12=36	
Dimensions(mm)(L*W*H)	700 × 510 × 30	
Weight(kg)	4.5	
Glass	3.2mm Tempered Glass	
Encapsulation	EVA	
Backsheet	Multilayer Composite	
Aluminium-Frame	Silver/Black Anodized aluminium alloy	
Junction-Box	IP65	
Cable	NA, but customized is acceptable	
Connector	NA, but MC4 and MC4 Compatible are acceptable	
Package Configuration	6 pcs/ctn	

Performance Parameters

	P6-45	P6-50
Maximum System Voltage	700V	
Operating Temperature	-45~+80°C	
Maximum Series Fuse	10A	
Maximum Static Load, Front Side (e.x. Snow, Wind)	5400Pa	
Maximum Static Load, Back Side (e.x. Wind)	2400Pa	
Application Grade	Class A	

Electrical Parameters (Standard Test Condition)

	P6-45	P6-50
Rated Maximum Power(Mp)	45W	50W
Power Tolerance	0- +5W	
Cell Efficiency	15.5%	17.2%
Open Circuit Voltage(Voc)	22.4V	22.5V
Maximum Power Voltage(Vmp)	17.4V	17.6V
Short Circuit Current(Isc)	2.77A	3.04A
Maximum Power Current(Imp)	2.59A	2.85A
Temperature Coefficient of Isc	+0.06%	
Temperature Coefficient of Voc	-0.33%	
Temperature Coefficient of Pmp	-0.45%	
Standard Test Condition	Irradiance:1000W/M2, Cell Temperature:25°C, Spectrum AM:1.5	