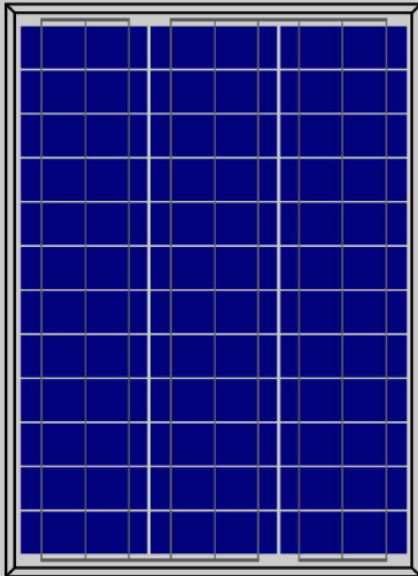
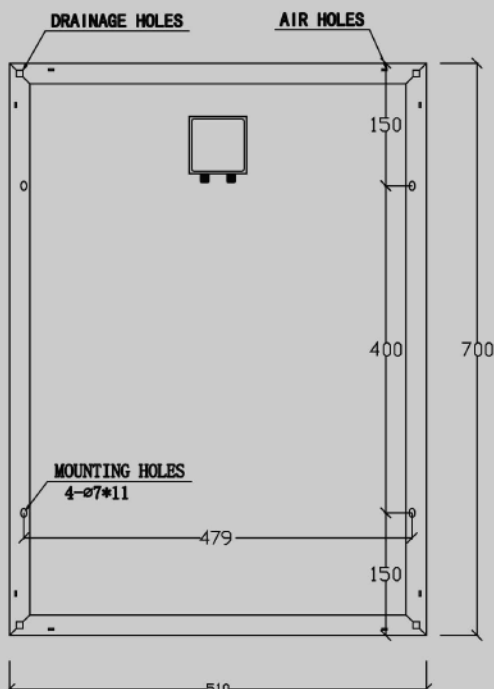


Engineering Drawings (Front Side)



Engineering Drawings (Back 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		Silvery/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	