

## API 50W poly Solar Panel

POLY	Poly
Maximum power (Wp)	50wp
Maximum power voltage (V)	17.4
Maximum power current (A)	2.88
Open circuit voltage (V) Voc	21.6
Short circuit current (A) Isc	3.36
Number of cells (Pcs)	36PCS
Size of module (mm)	710*510*28mm ( 156*156mm cell)
Brand Name of Solar Cells	
Maximum system voltage (V)	1000
Temperature coefficients of Isc (%)	0.065+/-0.015%/°C
Temperature coefficients of Voc (%)	- (2.23+/-0.1) mv/ °C
Temperature coefficients of Pm (%)	- (0.5+/-0.05) / °C
Temperature coefficients of Im (%)	+0.1/ °C
Temperature coefficients of Vm (%)	-0.38/ °C
Temperature Range	-40°C~+85°C
Tolerance Wattage (e.g. +/-5%)	+/-3%
Surface Maximum Load Capacity	30m/s(200kg/sq.m)
Allowable Hail Load	steel ball fall down from 1m height
Weight per piece (kg)	5kg
Junction Box Type	Guangyue GY-BOX-5C( TUV )
Length of Cables (mm)	90mm (用户可制定)
Cell Efficiency (%)	17%
Module Efficiency (%)	14%
Output tolerance (%)	+/-3%
Frame (Material, Corners, etc.)	Aluminum
Standard Test Conditions	AM1.5 100mW/Cm <sup>2</sup> 25°C
Warranty	5 years product warranty and 25 years 80% of power
FF (%)	72%
Packing	2 Pcs/Cartron