


## SHENZHEN JINGUANGNENG SOLAR-ENERGY CO.,LTD

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Product Name	Solar module	Model	CY-TP230
	Peak Power (Pm) (W)		230W
	Maximum Power Voltage Vm (V)		30V
	Maximum Power Current Im (A)		7.66A
	Open Circuit Voltage Voc (V)		36V
	Short Circuit Current Isc (A)		8.27A
	Maximum System Voltage (V)		1000V
	Cells Type (Mono/Poly)		Poly
	No. Of Cells and Connection (PCS)		60PCS (6*10)
	Cells Dimension (mm)		156x156
	Pm Temperature Coefficient (%/°C)		-0.45%/°C
	Voc Temperature Coefficient (%/°C)		-0.35%/°C
Tolerance (%)	±3%	IscTemperature Coefficient (%/°C)	+0.05%/°C
Dimension (mm)	1650*992*45mm	Standard Test Condition(STC)	Aml.5 25°C 1000W/m²
Net Weight (Kg)	22Kg	WorkingTemperature range(°C)	-40°C~90°C
Gross weight	48Kg	Packing quantity (pcs)	2pcs/carton
Product component	Tempered Glasses + EVA + Solar Cells + EVA + TPT + Aluminum Frame + International Standard Junction Box		
Glasses	low carbon Tempered Glasses	Frame Type	45 x 35mm Aluminum Frame
Junction box	International Standard Junction Box		
Certificate	TUV : CE : ROHS : IEC61215 : CGC		
Warranty	5 years for full product power, 10 years for 90% product power, 25 years for 80% product power.		

