

Technical Specification Sheet



CHSM-220P Series Polycrystalline Photovoltaic Module

ASTROenergy
SOLAR

Electrical Characteristics			I-V Curves		
组件型号	Module Type	CHSM-220P			
峰值功率	P_{max} (W _p)	230	220	210	
短路电流	ISC (A)	8.28	8.01	7.76	
开路电压	VOC (V)	38.4	38.2	38	
工作电压	V_{max} (V)	29.9	29.8	29.4	
工作电流	IMP (A)	7.68	7.38	7.15	
功率范围	Tolerance (W)	± 2.5			
阵列组合	Cell Matrix	10 × 6			
System V_{max}		DC 1000V			
Max Mechanical Load		245 kg/m ²			
NOCT		47 ± 2 °C			
Power Temp. Coeff. (/°C)		-(0.9 ± 0.02)%			
Current Temp. Coeff. (/°C)		(0.065 ± 0.01)%			
Voltage Temp. Coeff.(/°C)		-0.396%			
Ambient Temperature (°C)		-40~85			
Test Condition		1000 W/m ² , AM1.5, 25°C ± 2°C			
Dimension Characteristics					
Length	1652 mm	Cell Type	Polycrystalline Si (156 mm × 156 mm)		
Width	994 mm	Cell Number	60 pcs		
Height	45 mm				
Weight	20 kg				
Frame Cross View					