

# Product Specification



## Module Parameter

Module Type	HD-20P	HD-30P	HD-40P	HD-60P	HD-160P
Peak Power (Pmax)	20W	30W	40W	60W	160W
Maximum Power Voltage (Vmp)	17.8V	17.8V	17.8V	17.8V	17.8V
Maximum Power Current (Imp)	1.12A	1.68A	2.24A	3.37A	8.99A
Open-Circuit Voltage Voc(V)	21.88V	21.98V	22.1V	22.1V	22.1V
Short-Circuit Current Isc(A)	1.19A	1.81A	2.41A	3.63A	9.98A
Max-system Voltage (Vdc)	1000V	1000V	1000V	1000V	1000V
Dimensions (mm)	350*490*25	350*670*25	420*670*25	650*670*25	1480*670*35
Weight (kg)	1.58	2.50	3.35	4.50	11.80
Maximum Series Fuse Rating(A)	10	10	10	10	12
Temperature coefficient of Pmax				-0.4%/°C	
Temperature coefficient of Voc				-0.32%/°C	
Temperature coefficient of Isc				0.05%/°C	
Operating Temperature				-40°C to +85°C	
Power Tolerance				±3%	
Junction box	MC4 connector, Cable length: 900mm, 2.5mm <sup>2</sup> , IP 65				
Measurement values under standard testing conditions STC (with a temperature of 25° C, air mass of AM1.5 and irradiance of 1000W/m <sup>2</sup> )					

## Module Parameter

Module Type	HD-100M	HD-210M
Peak Power (Pmax)	100W	210W
Maximum Power Voltage (Vmp)	18.0V	37.64V
Maximum Power Current (Imp)	5.56A	5.58A
Open-Circuit Voltage Voc(V)	21.24V	46.2V
Short-Circuit Current Isc(A)	6.1A	5.98A
Max-system Voltage (Vdc)	1000V	1000V
Dimensions (mm)	1200*540*35	1580*808*35
Weight (kg)	6.60	16
Maximum Series Fuse Rating(A)	12	
Temperature coefficient of Pmax	-0.4%/°C	
Temperature coefficient of Voc	-0.35%/°C	
Temperature coefficient of Isc	0.06%/°C	
Operating Temperature	-40°C to +85°C	
Power Tolerance	±3%	
Junction box	MC4 connector, Cable length: 900mm, 2.5mm <sup>2</sup> , IP 65	
Measurement values under standard testing conditions STC (with a temperature of 25° C, air mass of AM1.5 and irradiance of 1000W/m <sup>2</sup> )		

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