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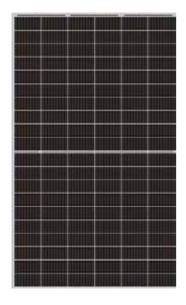


Solar Panel Guide Specification Data Sheet

Ningbo Rarlon Photovoltaic Technology Co., Ltd RL320-340HM-120 RL325HM-120



Photovoltaic Module Monocrystalline120



KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 5BB or 9BB perc solar cell



Strictly control the micro-crack of solar cells and the other non visible defect of internal modules



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Manufactured according to and certified international I Quality and Environment Management System



Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.











Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	45°C+/-2°C		Front glass	3.2mm tempered glass	
Temperature Coefficient of Pmax	-0.39%/°C		Frame	Anodized aluminium alloy	
Temperature Coefficient of VOC	-0.29%/℃		Junction box	PV****	
Temperature Coefficient of ISC	+0.05%/°C		Connector	Plug and socket	
No.of cells	120(6x20)		1*20'	/	
Dimensions	1698mm*1004mm*35mm		1*40'	/	
Weight	18.5kg		1*40'HQ	780pcs	

Electrical Characteristics

Model	RL320HM-120	RL325HM-120	RL330HM-120	RL335HM-120	RL340HM-120		
Maximum Power at STC(Pmax)	320W	325W	330W	335W	340W		
Optimum Operating Voltage (Vmp)	33.64V	33.82V	33.98V	34.16V	34.22V		
Optimum Operating Current (Imp)	9.513A	9.610A	9.712A	9.807A	9.936A		
Open-Circuit Voltage(Voc)	39.86V	40.08V	40.26V	40.43V	40.62V		
Short-Circuit Current (Isc)	10.359A	10.463A	10.577A	10.692A	10.870A		
Solar Module Efficiency (%)	18.94	19.23	19.53	19.82	20.12		
Operating Temperature	−40to85°C						
Maximum System Voltage	DC1000						
Maximum Series Fuse Rating	15A						
Power Tolerance	0~+3%						
STC:Irradiance 1000W/m³,Modules Temperature 25°C,AM=1.5							