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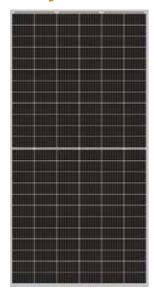


Solar Panel Guide Specification Data Sheet

Ningbo Rarlon Photovoltaic Technology Co., Ltd RL390-410HM-144 RL395HM-144



Photovoltaic Module Monocrystalline144



KEY FEATURES



High module efficiency through superior manufacturing technology



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 coated tempered glass
Temperature Coefficient of Pmax	-0.39%/℃	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	144 (6×24)	1*20'	/
Dimensions	2024mm*1004mm*35mm	1*40'	/
Weight	22.5kg	1*40'HQ	660pcs

Electrical Characteristics

Model	RL390HM-144	RL395HM-144	RL400HM-144	RL405HM-144	RL410HM-144		
Maximum Power at STC(Pmax)	390W	395W	400W	405W	410W		
Optimum Operating Voltage (Vmp)	41V	41.2V	41.4V	41.6V	41.8V		
Optimum Operating Current (Imp)	9.5A	9.57A	9.64A	9.71A	9.78A		
Open-Circuit Voltage(Voc)	49.4V	49.6V	49.8V	50.0V	50.2V		
Short-Circuit Current (Isc)	10.1A	10.17A	10.24A	10.31A	10.38A		
Solar Module Efficiency (%)	19.7	20.0	20.2	20.4	20.7		
Operating Temperature	–40to85℃						
Maximum System Voltage	DC1000						
Maximum Series Fuse Rating	15A						
Power Tolerance	0~+3%						
STC:Irradiance 1000W/m³,Modules Temperature 25°C,AM=1.5							