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Solar Panel Guide Specification Data Sheet

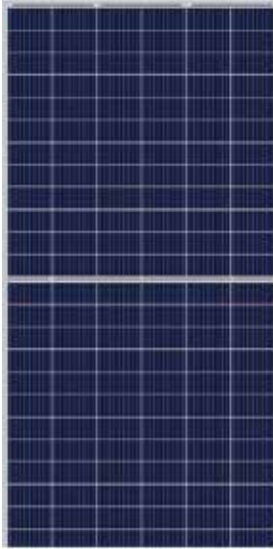
Ningbo Rarlon Photovoltaic Technology Co., Ltd

RL335-355HP-144







RL350HP-144

Also available on the web at
[EnergyPal.com/ningbo-rarlon-photovoltaic-technology-co-ltd-solar-panels/rl350hp-](http://EnergyPal.com/ningbo-rarlon-photovoltaic-technology-co-ltd-solar-panels/rl350hp-144)

Photovoltaic Module Polycrystalline 144



KEY FEATURES

-  High module efficiency through superior manufacturing technology
-  No power loss thanks to improved temperature co-efficient caused by 5BB or 9BB per 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%/°C		Junction box	PV_*****
Temperature Coefficient of ISC	+0.05%/°C		Connector	Plug and socket
No.of cells	144 (6x24)		1*20'	/
Dimensions	2024mm*1004mm*35mm		1*40'	/
Weight	22.5kg		1*40'HQ	660pcs

Electrical Characteristics

Model	RL335HP-144	RL340HP-144	RL345HP-144	RL350HP-144	RL355HP-144
Maximum Power at STC(Pmax)	335W	340W	345W	350W	355W
Optimum Operating Voltage (Vmp)	38.6V	38.7V	38.8V	38.95V	39.1V
Optimum Operating Current (Imp)	8.7A	8.8A	8.9A	9.0A	9.1A
Open-Circuit Voltage(Voc)	46.1V	46.3V	46.5V	46.7V	46.9V
Short-Circuit Current (Isc)	9.3A	9.4A	9.5A	9.6A	9.7A
Solar Module Efficiency (%)	16.8	17.1	17.3	17.6	17.8
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5					