



GH310M156

Mechanical Data

Solar Cell	High Efficiency Monocrystalline Cell
Cell Efficiency	18,20 ~ 18,40%
Cell Size	6"
Number of Cells	72 (6x12)
Dimensions (new)	1956x992x50mm
Weight	24kg
Cable Lengths	1000mm
Connectors	IP67, MC4 Compatible
Number of Bypass Diodes	3

Electrical Data

Rated Current (Imp)	8.22A
Rated Voltage (Vmp)	38.09V
Short Circuit Current (Isc)	8.75A
Open Circuit Voltage (Voc)	45.22V
Fill Factor	0.79
Rated Power (Pmax)	310Wp (0%/+3% tolerance)
Module Efficiency	16%
Maximum Forward Current	30A
Maximum System Voltage	1000V DC

Warranties & Certifications

Product Warranty	12 years
Power Warranty (90% of Pmax)	12 years
Power Warranty (80% of Pmax)	25 years
Certificates	IEC 61215, IEC61730, CE

Operating Conditions

Operating Temperature	-40°C to +85°C
Mechanical Load	>5400Pa

Temperature Data

Nominal Operation Cell Temperature (NOCT)	45°C
Current Temperature Coefficient	0,04%/°C
Voltage Temperature Coefficient	-0,32%/°C
Power Temperature Coefficient	-0.35%/°C



Specifications in these datasheets are subject to changes without prior notice.