



GH220P156

Mechanical Data

Solar Cell	High Efficiency Polycrystalline Cell
Cell Efficiency	16,80%
Cell Size	6"
Number of Cells	54 (6x9)
Dimensions (new)	1482x992x46mm
Weight	18kg
Cable Lengths	1000mm
Connectors	IP67, MC4 Compatible
Number of Bypass Diodes	3

Electrical Data

Rated Current (Imp)	8A
Rated Voltage (Vmp)	27.76V
Short Circuit Current (Isc)	8.49A
Open Circuit Voltage (Voc)	33.32V
Fill Factor	0.78
Rated Power (Pmax)	220Wp (0%/+3% tolerance)
Module Efficiency	15%
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, IEC 61730, 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.