

## MODULE 235 POLY ALU

### SPECIFICATIONS

**SOLART MODEL CODE ALUMINUM** SA-1640-990-235-60P-ALU

Cell	Solart Poly 156*156
N° of cells and connections	60pcs in series
Dimension of module (mm)	1640*990*50mm
Weight (kg)	20kg

**CHARACTERISTICS** SA PLUS

<b>Rated power (Pmax)</b>	<b>235Wp</b>
Open circuit voltage (Voc)	36.8V
Optimum operating voltage (Vmp)	29.6V
Short circuit current (Isc)	8.62A
Optimum operating current (Imp)	7.94A
Cell efficiency maximum power (η)	16.09%
Type of output terminal	MC plug type
Cable lengths	900mm
Connection	1*4mm <sup>2</sup>
Number of bypass diodes	6

### WARRANTY

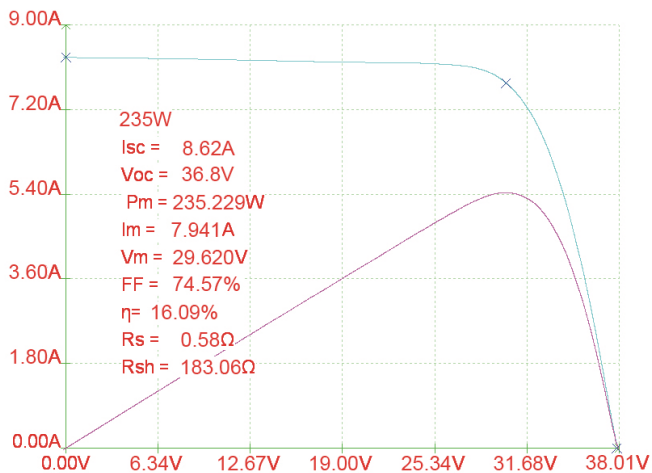
Product warranty	10 years
Power warranty (90% of Pmax)	10 years
Power warranty (80% of Pmax)	25 years
Certificates	IEC61215+61730

### LIMITS

Operating temperature	-40°C+85°C
Storage temperature	-20°C+55°C
Maximum system voltage	1000V

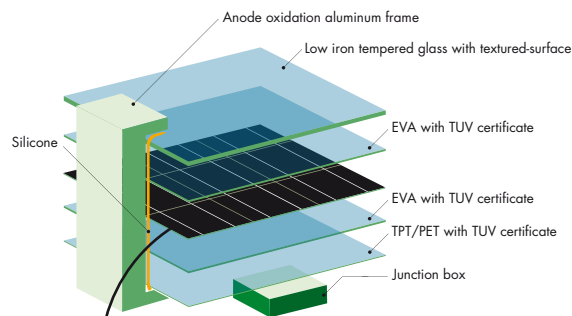
### TEMPERATURE AND COEFFICIENTS

Nominal Operation Cell Temperature	43±2°C
Current temperature coefficient	+0.03%/K
Voltage temperature coefficient	-0.36%/K
Power temperature coefficient	-0.53%/K



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### POLY TECHNOLOGY



Poly Solar Cell with high efficiency

