

POLYCRYSTALLINE MODULE



ELECTRICAL CHARACTERISTICS

Model		GSM-100P-36	GSM-150P-36
Power Output	P_{max} (W)	100	150
Power output tolerances	Δp_{max} (%)	0-3	
Voltage at Pmax	V_{mp} (V)	17.7	19
Current at Pmax	I_{mp} (A)	5.65	7.89
Open circuit voltage	V_{oc} (V)	22	22.62
Short circuit current	I_{sc} (A)	6.21	8.49

STC: 1000W/m² irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3

OPERATING CONDITION

Model	GSM-100P-36	GSM-150P-36
Maximum System Voltage	1000V _{DC}	
Limiting Reverse Current	15A	
Operating Temperature Range	-40°C ~ 85°C	
Max. Static Load Front (e.g. Snow)	5400Pa	
Max. Static Load Back (e.g. Wind)	2400Pa	
Max. Hailstone Impact (diameter/velocity)	25mm / 23m/s	

MECHANICAL CHARACTERISTICS

Model		GSM-100P-36	GSM-150P-36
Cells Size	(mm)	156 x 156	156 x 117
Module Size	(mm)	1127 x 676 x 35	1482 x 676 x 35
No. of Cells		36 (4x9)	36 (4x9)
Weight	(kg)	11.5	9.5
No. of Mounting Holes		8	8
No. Of Waterspout		16	16