

GS5M96-XXX



Australian brand, Australian guaranteed



Reliability fully conform to certification and regulatory standards



High performance under low light conditions cloudy days, mornings and evenings



High power output and highest conversion efficiency upto 16.29%



12 years material and workmanship warranty



13 years peak power output no less than 92.1%



25 years peak power output no less than 80.9%

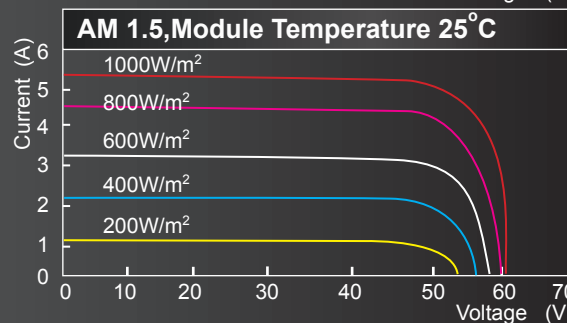
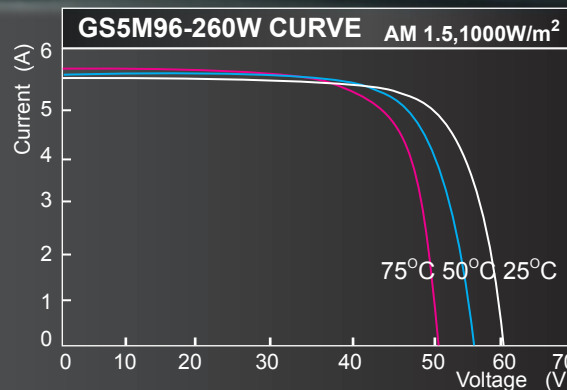


Electrical parameters at STC (1,000W/m ² ; AM 1.5; 25 °C)							
Peak power (W) (Pm)	240	245	250	255	260	265	270
Power tolerance	0 ~+3% (standard 0 ~+3%; ±3% optional)						
Open circuit voltage (V) (Voc)	59.81	59.98	60.15	60.31	60.49	60.67	60.84
Short circuit current (A) (Isc)	5.25	5.33	5.43	5.46	5.59	5.75	5.83
Max. power voltage (V) (Vmp)	49.18	49.30	49.31	49.61	49.71	49.75	49.81
Max. power current (A) (Imp)	4.88	4.97	5.07	5.14	5.23	5.38	5.45

General characteristics	
Front cover (material / thickness)	Low-iron tempered glass / 3.2mm
Frame (material / color)	Anodized aluminum alloy / black
Cable (length / cross-sectional area)	900mm / 4mm ²
Dimensions (L / W / H)	1580mm / 1064mm / 40mm (35mm 45mm 50mm optional)
Weight	21kg

Operating conditions	
Max. system voltage	1000VDC
Max. series fuse rating	15A
Operating temperature range	-40°C to 85°C
Max. mechanical load	2400Pa
Fire safety class	Class C
Junction box (protection degree)	IP65

Temperature ratings	
NOCT	45°C(±2 °C)
Temperature coefficient of P _{MAX}	-0.43%/ °C
Temperature coefficient of V _{oc}	-0.32%/ °C
Temperature coefficient of I _{sc}	0.047%/ °C



Gista Sunnyenergy Pty Ltd

www.gistasunnyenergy.com.au support@gistasunnyenergy.com.au
Tel : +61 (02) 9743 2288 Fax : +61 (02) 9743 6458

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