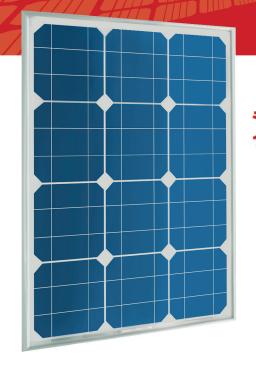
## GMA Mono - Series 50-60W







MANUFACTURED IN MONTREAL, CANADA

25 YEAR LINEAR POWER WARRANTY

12 YEAR WORKMANSHIP WARRANTY

OUTSTANDING LOW LIGHT PERFORMANCE

MC4 CONNECTORS

POSITIVE TOLERANCE +0/3%

**GMASOLAR** introduces the new generation of solar modules. Providing more power by utilizing high efficiency solar cells. Ideal for off grid systems thanks to their robust design proving reliability and high quality performace in isolated areas.

**GMASOLAR** Reliability. All our solar modules are manufacture according to UL and IEC standards. Each module goes to a strict quality verification on through an EL testing process The EL tester works like a X-ray scanner that immediately exposes every possible hidden defect in the solar panel. This way you get a crystal clear picture of the good operation of the solar panel.

**GMASOLAR** Flexibility. Our solar modules are designed to offer worry free used in the harshest climates. Our frame allows installation in multiple configurations, making an easy, safe and faster installation in harshest climates. The water drain holes prevent frame breakage due to freezing temperatures.







## GMA Mono - Series GMA50, GMA55, GMA60



ELECTRICAL DATA				
Mechanical Data	GMA 50M	GMA 55M	GMA 60M	
Nominal Peak Power (Wp)	50 W	55 W	60 W	
Nominal Voltage (Vmp)	17.2V DC	17.2V DC	17.2V DC	
Nominal Current (Imp)	2.90 A	3.20 A	3.49 A	
Open Circuit Voltage (Voc)	21.6V DC	21.6V DC	21.6V DC	
Short Circuit Current (Isc)	3.30 A	3.64 A	3.97 A	
Operating Temperature degC	-40 to + 85			
Maximum System Voltage	600 VDC (UL) 1000 VDC (IEC)			
STC: 1000 W/m2 , 25°C, AM= 1.5				

TEMPERATURE COEFFICIENTS		MECHANICAL DATA	
NOCT	45+/-2°C	Solar Cell	Monocrystalline 156mm x 156 mm
Voltage Temperature Coefficient (Voc)	-0.36%	Front Glass	3.2 Tempered
Current Temperature Coefficient (Isc)	+0.033%	Junction Box	Certified Junction Box
Power Temperature Coefficient (Pmpp)	+0.44%	Output Cables	900 mm length with connectors
Minimum Power Tolerance	-0%~/+3%	Frame	Anodized Aluminum
NOCT: Nominal Operating Cell Temperature -40°C to + 95°		Weight	6kg
		Dimensions	665mm x 700mm x35 mm

## **WARRANTY & CERTIFICATIONS**

Warranty 12 Year Workmanship, 12 Year 90%, 25 Year 80% Power Warranty
Certification UL 1730, IEC 61215, IEC 61730, CE, cETLus

Note: The specifications are subject to change without notice





