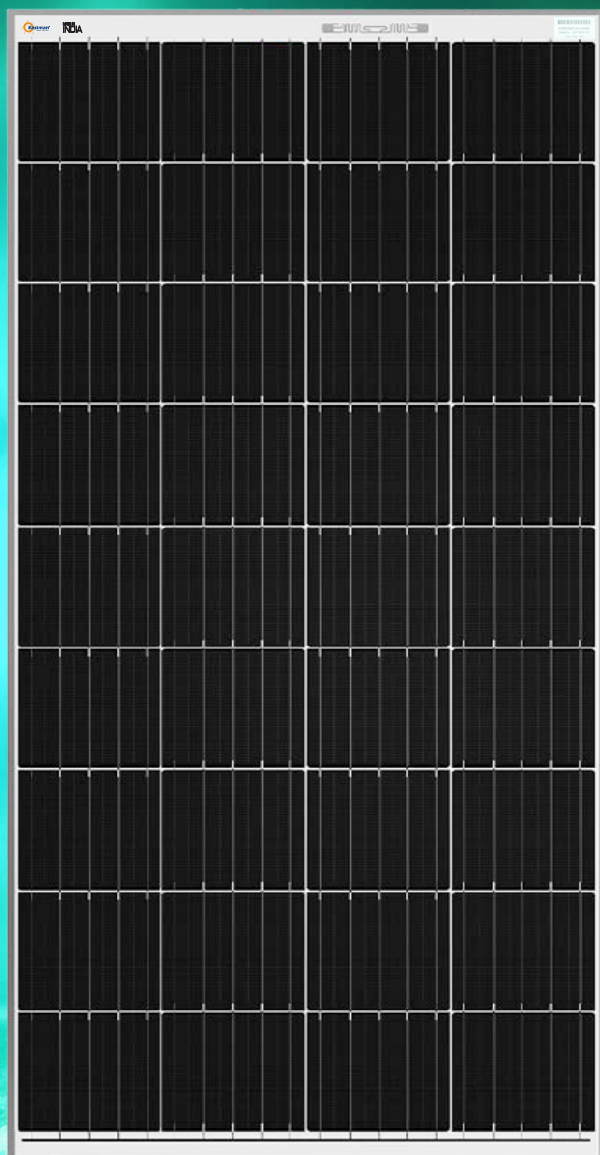




Making Your **DREAMS**
Come True **24/7**



MONO PERC - G12 125W



Superior module
efficiency as per
international benchmarks



Glass with anti
reflective coating improves
light transmission



Excellent Anti PID
(Potential Induced Degradation)
performance



Sustain heavy
wind & snow loads
(2400 pa & 5400 pa)

ELECTRICAL CHARACTERISTICS

Models	Pmax (W)	Vmp (V)	Imp (A)	Isc (A)	Voc (V)	Module Eff. (%)
	STC	STC	STC	STC	STC	
EMP-125	125	21.38	5.85	6.14	25.09	18.61

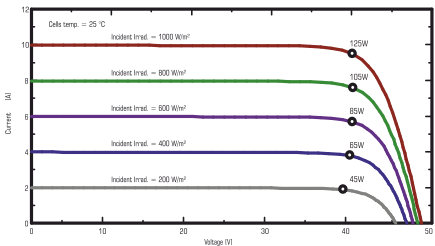
*Standard Test Conditions (STC) - 1000 W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Nominal Operating Cell Temperature (NOCT) - 800 W/m2 irradiance, Air Mass 1.5, Ambient temperature 20°C and Wind speed 1 m/s. Average power reduction of 4.5% at 200 W/m2 as per IEC 60904-1. Measuring Uncertainty ± 3%.

System Voltage	1000 V	Series Fuse Rating	15 A
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MECHANICAL CHARACTERISTICS

Length x Width x Thickness (L x W x T)	1010 mm (L) x 665 mm (W) x 35mm (T)
Weight	7.150 kg
Solar Cells per Module (Units) / Arrangement	36/[12x3]
Solar Cell Type & Size	Mono Perc G-12, 210x70mm
Front Glass	3.2 mm Low Iron and Tempered glass with ARC coating
Encapsulate	PID Free & UV Resistant
Junction Box (Protection degree/ Material)	IP68 / Weatherproof PPO
Frame	Anodized Aluminium Alloy
PACKAGING	
Standard Packaging	125W (2 in 1)

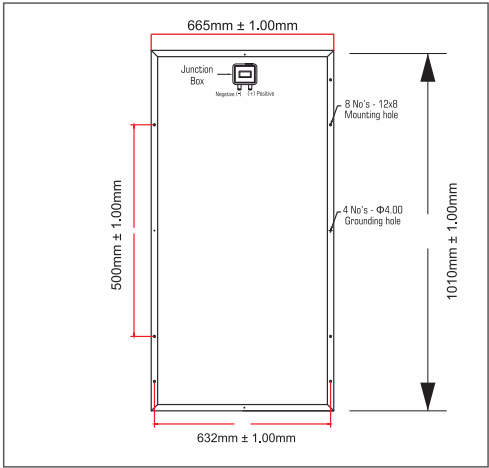
I-V VARIATION WITH IRRADIANCE



THERMAL CHARACTERISTICS

Temperature coefficient of Current (Isc), α (%/°C)	0.05
Temperature coefficient of Voltage (Voc), β (%/°C)	-0.34
Temperature coefficient of Power (Pm), γ (%/°C)	-0.40
NOCT (°C)	43 ± 2
Operating temperature range (°C)	-40 to 85

DESIGN SPECIFICATIONS



10 Years Product Warranty • 25 Years Power Output Warranty

- The electrical data given here is for reference purpose only.
- Please confirm your exact requirements with the sales representative while placing your order.
- Refer installation Manual instructions & Eastman warranty statement for terms & conditions.
- Eastman Reserves the right to change the specifications without prior notice.

EASTMAN AUTO & POWER LTD.

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