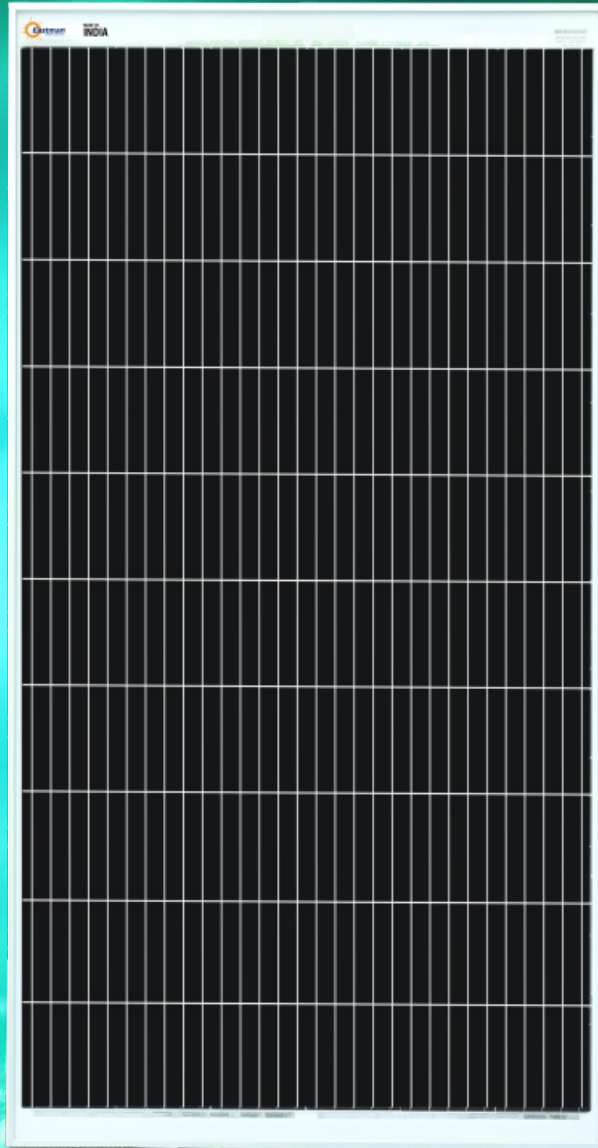




MONO PERC 395W



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	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
EMP-395	395	291.6	40.28	37.60	9.81	7.75	10.12	8.18	49.05	45.18	19.83

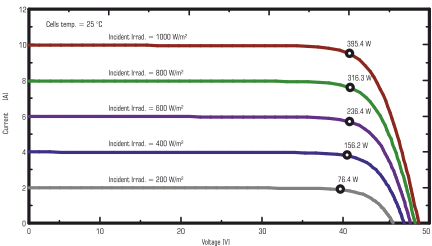
*Standard Test Conditions (STC) - 1000 W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Nominal Operating Cell Temperature (NOCT) - 800 W/m2 irradiance, Air Mass 1.5, Ambient temperature 20°C and Wind speed 1 m/s. Average power reduction of 4.5% at 200 W/m2 as per IEC 60904-1. Measuring Uncertainty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

System Voltage	1500 V	Series Fuse Rating	20 A
----------------	--------	--------------------	------

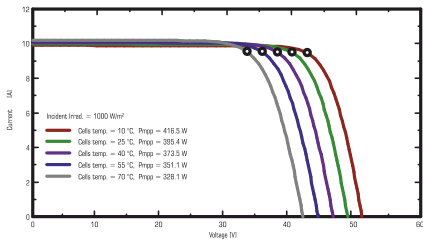
MECHANICAL CHARACTERISTICS

Length x Width x Thickness (L x W x T)	1990 mm (L) x 1000 mm (W) x 40 mm (T)
Weight	22.2 kgs
Solar Cells per Module (Units) / Arrangement	72/[12x6]
Solar Cell Type & Size	Mono PERC, 158.75x158.75mm
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
Cable & Connector (Protection degree / Type)	IP68 rated / MC4 compatible
Cable cross - section & Length	4 mm ² & 1000mm
Frame	Anodized Aluminium Alloy

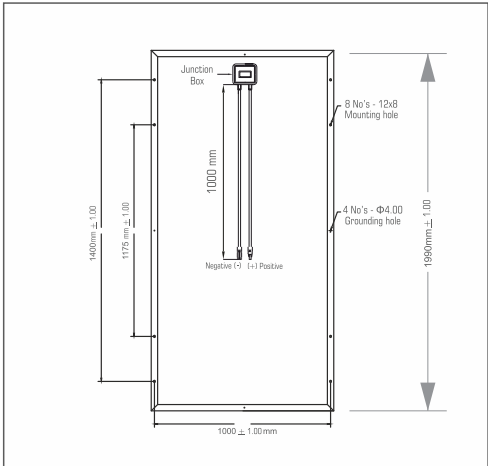
I-V VARIATION WITH IRRADIANCE



I-V VARIATION WITH TEMPERATURE



DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temperature coefficient of Current (Isc), α (%/°C)	0.05
Temperature coefficient of Voltage (Voc), β (%/°C)	-0.27
Temperature coefficient of Power (Pm), γ (%/°C)	-0.35
NOCT (°C)	43 ± 2
Operating temperature range (°C)	-40 to 85

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.

Corporate Office : 572, Udyog Vihar Phase 5, Gurgaon - 122016, Haryana, India | +91 124-4682650 | support@eaplworld.com
Manufacturing Unit : Mouja Bated, Pragna Doon, Baddi, Distt. Solan, Himachal Pradesh -174103 | www.eaplworld.com