



Capital Solar
For a better tomorrow!

Mono PERC 12 BB
Monofacial & Bifacial
580 To 600 Wp
Efficiency Up To **20.79%**





At Capital Solar : We are dedicated to manufacturing high-power Solar PV Modules that are both reliable and efficient. Our primary focus is on delivering exceptional performance and ensuring reliability.

Our purpose is driven by a strong mission: to create a sustainable future, combat climate change, and minimize carbon emissions. We aspire to transform the future into a better world, and we invite you to join us on this journey to change the world.





To bring our dreams to fruition, our modules are produced in one of the most advanced and cutting-edge manufacturing facilities, equipped with state-of-the-art technology. Our fully automated production line and state-of-the-art testing facility are located in Ahmedabad - 380060, Gujarat, India.

Certifications

Product Certificates:

-  BIS (Up Coming)
-  UL (Up Coming)
-  ALMM (Up Coming)
-  IEC (Up Coming)

Organization Certificates:

-  ISO 9001:2015-Quality Management
-  ISO 14001:2015-Environmental Management*
-  CE
-  ROHS Compliance



High Reliability & Enhanced Crack Tolerant 12 BB Module



Full Square MONO PERC M12 Cells



Higher Efficiency In less Space



Lower LCOE & BOS



Superior PID Resistance

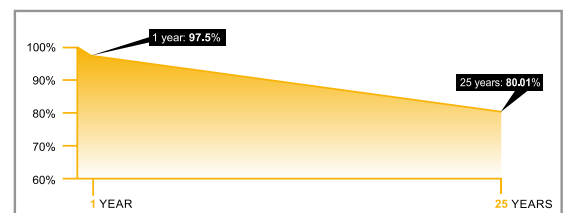


Split Junction Box Improve Heat Dissipation & Lower Risk Of Hotspot



2 Stage 100% EL Inspected

PERFORMANCE WARRANTY



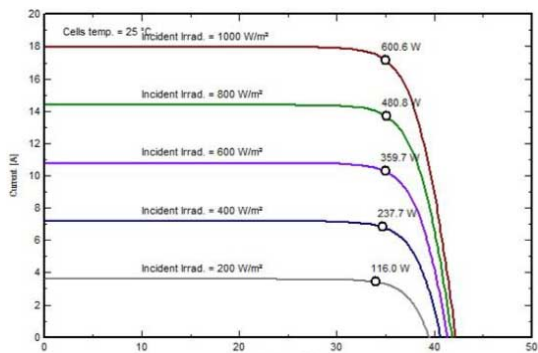
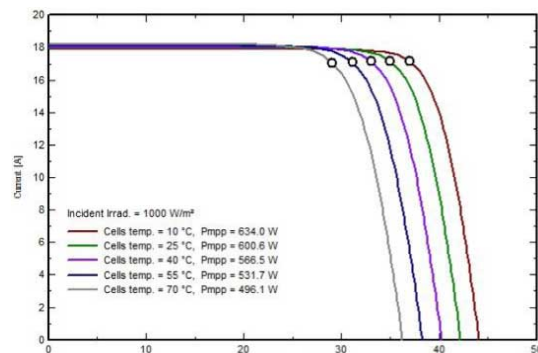
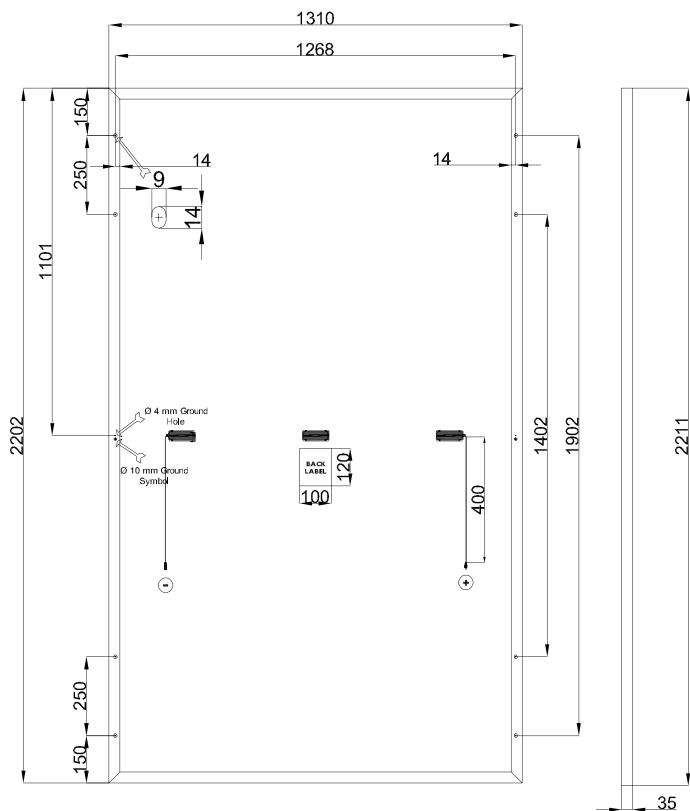
Capital Solar Is Owned And Operated By **Solberry Energy Pvt. Ltd.**

ELECTRICAL CHARACTERISTICS					CAPITAL SOLAR PVT.LTD						
MODULE WP	P _{MAX} (W)		V _{MP} (V)		I _{MP} (A)		I _{SC} (A)		V _{OC} (V)		MODULE EFF(%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
580 WP	580	436.20	34.21	32.20	16.96	13.53	17.73	14.29	41.56	39.10	20.11
585 WP	585	440.10	34.34	32.40	17.04	13.57	17.78	14.33	41.76	39.30	20.29
590 WP	590	444.10	34.39	32.60	17.16	13.63	17.84	14.37	41.90	39.40	20.46
595 WP	595	448.70	34.44	32.80	17.29	13.68	17.90	14.42	42.05	39.60	20.64
600 WP	600	452.40	34.62	32.90	17.35	13.75	17.98	14.49	42.18	39.70	20.82

System Voltage	1500 V	Series Fuse Rating	30A
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Mechanical Characteristics

Length * Width * Thickness (L * W * T)	2202mm (L) * 1310mm (W) * 35mm (T)
Weight	31 Kgs
Solar Cell Per Module (Units) / Arrangement	120 Cells / (10 * 6 / 10 * 6)
Solar Cell Type And Size	Mono Perc , 105 *210 mm
Front Glass	3.2 mm Low Iron And Tempred Glass With ARC Coating
Encapsulate	PID Free and UV Resistant
Junction Box (Protection Degree / Material)	IP67 / Waterproof PPO
Cable And Connector (Protection Degree / Type)	IP68 Rated / MC4 Compatible
Cable Cross - Section And Length	4mm & 500mm
Frame	Anodised Aluminium Alloy



Corp. Office

A/1402, "The Capital", Opp. Hetarth Party Plot, Science City Road, Sola, Ahmedabad - 380060, Gujarat, India.



Factory

Survey No. - 164/002, 165, Near Kamla Amrut Ind. Estate, Village - Indrad, Tal. - Kadi, Dist.- Mehsana, Gujarat - 382715, India.