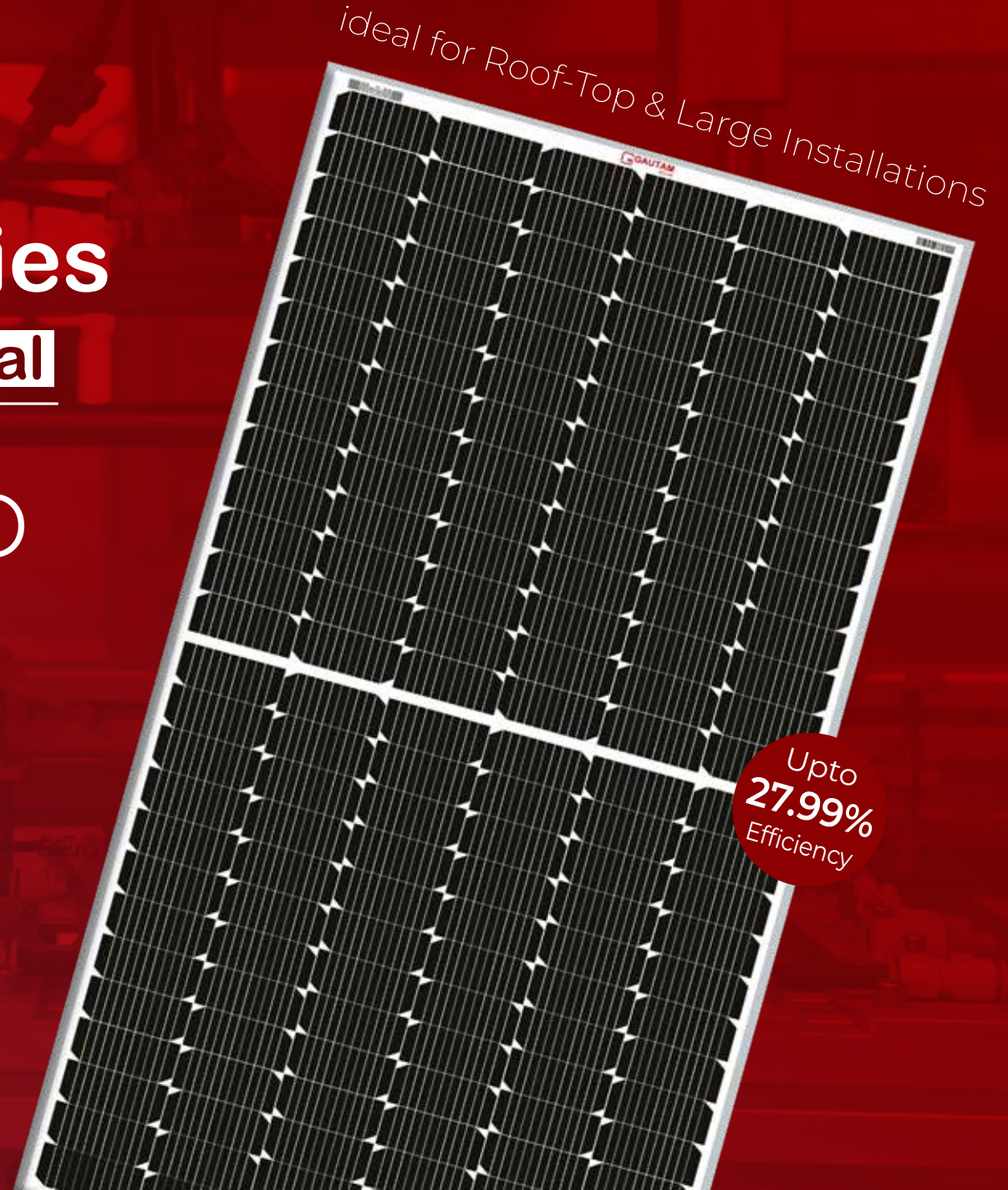
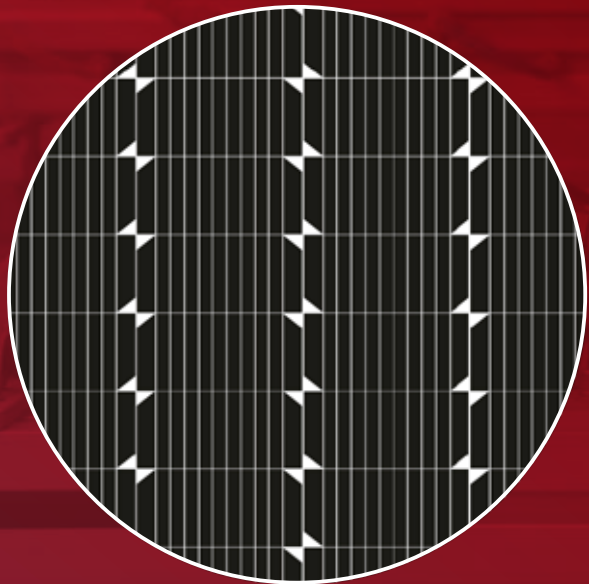




G2X - Bifacial Series

M10 Mono Half Cut **Bi-facial**

540 - 595 Wp



ideal for Roof-Top & Large Installations

Upto
27.99%
Efficiency

G2X Total Power (Front+Back)

Model No.		G2X-Bifacial-1682-HAD	G2X-Bifacial-1689-HAD	G2X-Bifacial-1695-HAD	G2X-Bifacial-1702-HAD	G2X-Bifacial-1708-HAD	G2X-Bifacial-1715-HAD	G2X-Bifacial-1754-HAE	G2X-Bifacial-1760-HAE	G2X-Bifacial-1767-HAE	G2X-Bifacial-1773-HAE
with 10% Gain	Peak Power (Wp)	578	583	589	594	600	605	638	644	649	655
	Effeciency η_m (%)	22.36	22.55	22.76	22.97	23.19	23.40	22.81	23.01	23.21	23.40
with 15% Gain	Peak Power (Wp)	604	610	615	621	627	633	667	673	679	684
	Effeciency η_m (%)	23.36	23.57	23.80	24.02	24.24	24.46	23.85	24.06	24.26	24.47
with 20% Gain	Peak Power (Wp)	630	636	642	648	654	660	696	702	708	714
	Effeciency η_m (%)	24.37	24.60	24.83	25.06	25.29	25.53	24.89	25.10	25.32	25.53
with 25% Gain	Peak Power (Wp)	656	663	669	675	681	688	725	731	738	744
	Effeciency η_m (%)	25.37	25.62	25.87	26.11	26.35	26.59	25.93	26.15	26.37	26.60
with 30% Gain	Peak Power (Wp)	683	689	696	702	709	715	754	761	767	774
	Effeciency η_m (%)	26.42	26.65	26.90	27.15	27.40	27.65	26.96	27.20	27.43	27.66

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C \pm 2°C
Temperature Coefficient of P_{max}	- 0.42%/°C
Temperature Coefficient of V_{oc}	- 0.33%/°C
Temperature Coefficient of I_{sc}	0.05%/°C

MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	25A

Back Side Power Gain

with 10% Gain	Peak Power (Wp)	53	53	54	54	55	55	58	59	59	60
with 15% Gain	Peak Power (Wp)	79	80	80	81	82	83	87	88	89	89
with 20% Gain	Peak Power (Wp)	105	106	107	108	109	110	116	117	118	119
with 25% Gain	Peak Power (Wp)	131	133	134	135	136	138	145	146	148	149
with 30% Gain	Peak Power (Wp)	158	159	161	162	164	165	174	176	177	179

Front Side Electrical Data (STC)

Peak Power Watts-PMAX (Wp)	525	530	535	540	545	550	580	585	590	595
Power Output Tolerance - Pmax	0 ~ +5	0 ~ +5	0 ~ +5	0 ~ +5	0 ~ +5	0 ~ +5	0 ~ +5	0 ~ +5	0 ~ +5	0 ~ +5
Maximum Power Voltage-VMPP(V)	41.35	41.50	41.70	41.80	41.94	42.06	45.06	45.20	45.37	45.51
Maximum Power Current-IMPP(A)	12.70	12.77	12.83	12.92	13.00	13.08	12.87	12.94	13.00	13.07
Open Circuit Voltage-Voc(V)	48.91	49.05	49.14	49.23	49.34	49.48	53.62	53.82	54.05	54.17
Short Circuit Current-Isc(A)	13.60	13.65	13.71	13.79	13.86	13.92	13.60	13.65	13.71	13.79
Module Efficiency η_m (%)	20.31	20.50	20.70	20.89	21.08	21.28	20.74	20.92	21.10	21.28

Mechanical Data

Solar Cell per Module (Units)	144	144	144	144	144	144	156	156	156	156
Monocrystalline Solar cell size (mm)	91X182	91X182	91X182	91X182	91X182	91X182	91X182	91X182	91X182	91X182
Module Size (mm)										
Length	2280	2280	2280	2280	2280	2280	2466	2466	2466	2466
Width	1134	1134	1134	1134	1134	1134	1134	1134	1134	1134
Thickness	35	35	35	35	35	35	35	35	35	35
Front Cover	High transmission low iron tempered AR coated glass									
Encapsulate	EVA									
Back Cover	Transparent Backsheet (composite film)									
Frame	Anodized Aluminium Frame hollow profile									

