



Bifacial Mono PERC glass glass module LG625-640



3%~30% more production



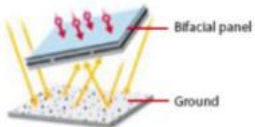
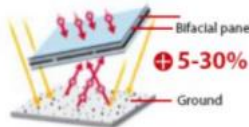
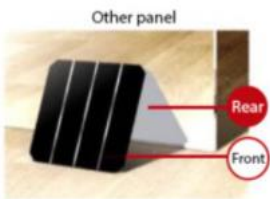
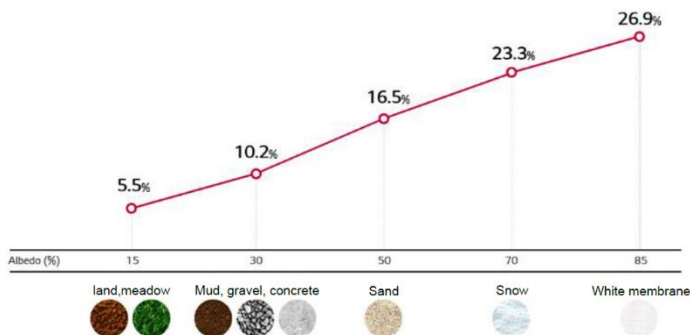
More performance with low radiation



Glass glass panel, more reliability,



Excellent performance with the temperature



Warranty

- 12 years product warranty
- 35 years production warranty

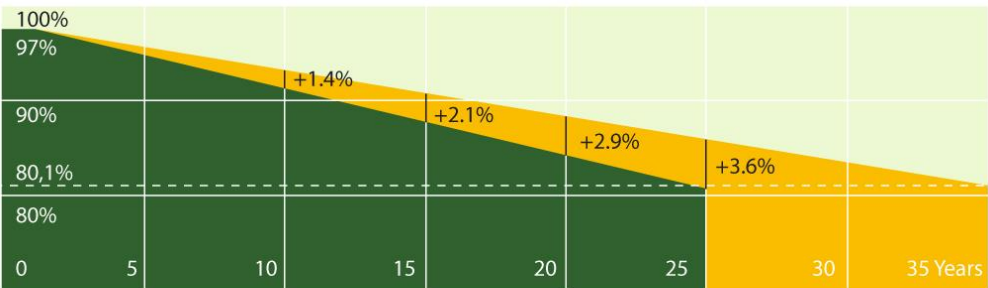
35 Years Linear Warranty at 80% production

24.0%

MAX MODULE EFFICIENCY⁽¹⁾

12 YEAR

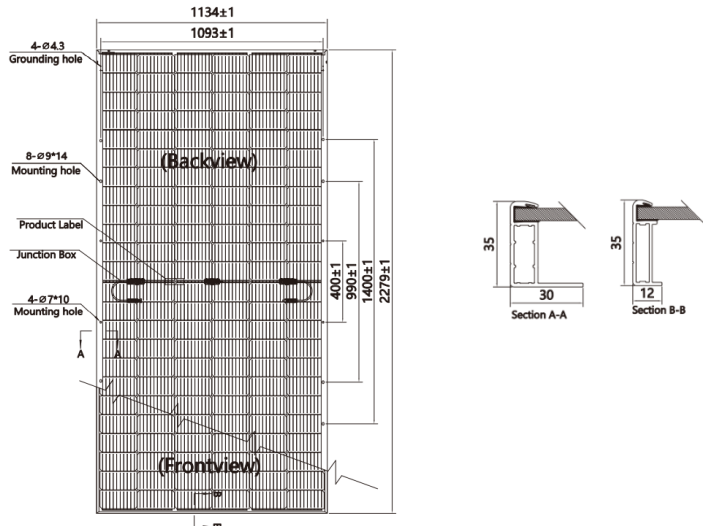
PRODUCT WARRANTY



Light Green's Linear Performance Warranty



Industry Standard Warranty

MECHANICAL DIAGRAMS


Remark: customized cable length available upon request

SPECIFICATIONS

Cell	Mono PERC 144pcs
Weight	34,2kg±3%
Dimensions	2279mm×1134mm×35mm
Cable Size	4mm ² , 1400 mm
No. of cells	144
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging	31 Per Pallet 20 pallets 40'HQ

ELECTRICAL PARAMETERS AT STC

TYPE	LG 625BF		LG 630BF		LG 635BF		LG 640BF	
Rated Maximum Power(P _{max}) ^{(1) (2)} [W]	625 ⁽¹⁾	535 ⁽²⁾	630 ⁽¹⁾	540 ⁽²⁾	635 ⁽¹⁾	545 ⁽²⁾	640 ⁽¹⁾	550 ⁽²⁾
Open Circuit Voltage(V _{oc}) [V]	50.0	49.8	50.2	50.0	50.4	50.2	50.6	50.4
Maximum Power Voltage(V _{mp}) [V]	41.7	41.5	41.9	41.7	42.1	41.9	42.3	42.1
Short Circuit Current(I _{sc}) [A]	16.05	13.75	16.10	13.80	16.14	13.86	16.18	13.91
Maximum Power Current(I _{mp}) [A]	15.01	12.90	15.05	12.96	15.1	13.02	15.15	13.08
Module Efficiency [%]	23%	19.9%	23.3%	20.2%	23.6%	20.4%	24.0%	20.6%
Power Tolerance (%)	+/- 3							
Temperature Coefficient of I _{sc} (α _{Isc})	+0.048%/°C							
Temperature Coefficient of V _{oc} (β _{Voc})	-0.270%/°C							
Temperature Coefficient of P _{max} (γ _{Pmp})	-0.35%/°C							
STC	Irradiance 1000W/m ² , cell temperature 25°C, AM1.5G							

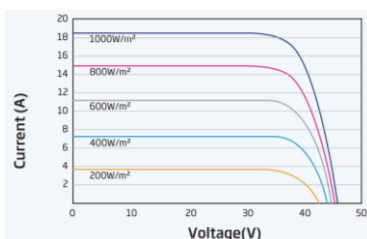
Remark: Electrical data in catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.
(1) Electrical data of bifacial technology (front and rear face, over one white surface). (2) Electrical data only the front face.

ELECTRICAL PARAMETERS AT NOCT
OPERATING CONDITIONS

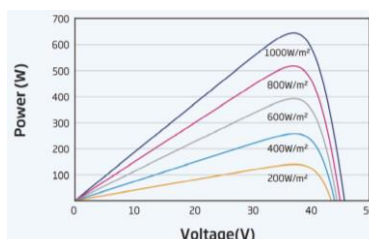
TYPE	LG 625BF		LG 630BF		LG 635BF		LG 640BF		Max. System Voltage	1500V DC
Rated Max Power(P _{max}) [W]	466 ⁽¹⁾	399 ⁽²⁾	470 ⁽¹⁾	403 ⁽²⁾	474 ⁽¹⁾	407 ⁽²⁾	478 ⁽¹⁾	411 ⁽²⁾	Operating Temperature	40 /+85°C
Open Circuit Voltage(V _{oc}) [V]	46.6	46.4	46.8	46.6	47.0	46.8	47.2	47.0	Max. Series Fuse	20A
Max Power Voltage(V _{mp}) [V]	39.0	38.8	39.2	39.0	39.4	39.2	39.6	39.4	Max. Static Load,Front	5400Pa
									Max. Static Load,Back	2400Pa
Short Circuit Current(I _{sc}) [A]	12.93	11.07	12.97	11.12	13.01	11.16	13.04	11.21	NOCT	45±2°C
Max Power Current(I _{mp}) [A]	11.97	10.29	12.01	10.34	12.05	10.39	12.09	10.44	Application Class*	Class A
NOCT	Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s (1) Electrical data bifaciality (front and rear face, over one white surface). (2) Electrical data only front face.								Bifaciality*	70%±5%

CHARACTERISTICS

Current-Voltage Curve LG640BF



Power-Voltage Curve LG640BF



Current-Voltage Curve LG640BF

