




GLORY BIFI

D6L_O3A / 60 cells
310W - 325 W
Mono-Crystalline PV Module

URE Glory BiFi module uses URE own p-PERC mono crystalline bifacial solar cells, and URE advanced double glass (G2G) module manufacturing technology.



Key Features



Positive power tolerance
+0 ~ +4.99 watt



100% EL inline inspection
Better module reliability



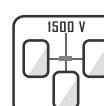
Withstand heavy loading
front load 8100 Pa & rear load 5400 Pa



Ammonia resistance
According to IEC 62716 Ed. 1



30-Year
Power output warranty



Design for 1500 VDC
Reduce the system BOS effectively



Electrical Data

Model		Bifacial Gain			Bifacial Gain		
		D6L30503A	5%	10%	D6L31003A	5%	10%
Maximum Rating Power (Pmax)	[W]	305	320	336	310	326	341
Module Efficiency	[%]	18.2	19.1	20.0	18.5	19.4	20.3
Open Circuit Voltage (Voc)	[V]	39.71	39.71	39.71	39.78	39.78	39.78
Maximum Power Voltage	[V]	32.50	32.50	32.50	32.78	32.78	32.78
Short Circuit Current (Isc)	[A]	9.91	10.41	10.90	9.99	10.49	10.99
Maximum Power Current	[A]	9.39	9.86	10.73	9.47	9.94	10.42
Model		D6L31503A	5%	10%	D6L32003A	5%	10%
Maximum Rating Power (Pmax)	[W]	315	331	347	320	337	353
Module Efficiency	[%]	18.8	19.7	20.7	19.1	20.1	21.0
Open Circuit Voltage (Voc)	[V]	39.87	39.87	39.87	39.96	39.96	39.96
Maximum Power Voltage	[V]	33.00	33.00	33.01	33.21	33.21	33.21
Short Circuit Current (Isc)	[A]	10.07	10.57	11.07	10.14	10.65	11.16
Maximum Power Current	[A]	9.56	10.04	10.52	9.65	10.13	10.62

*Standard Test Condition (STC): Cell Temperature 25 °C, Irradiance 1000 W/m², AM 1.5

*Values without tolerance are typical numbers.

Mechanical Data

Item	Specification
Dimensions	1681 mm (L) ¹ x 998 mm (W) ¹ x 35 mm (D) / 66.2" (L) ¹ x 39.3" (W) ¹ x 1.38" (D)
Weight	25 kg / 55.1 lbs
Solar Cell	60 monocrystalline 6" p-PERC bifacial solar cells
Front Glass	Anti-reflective tempered patterned glass, 2.5 mm
Cell Encapsulation	Polyolefin
Rear Glass	Tempered pattern glass, 2.5 mm, with white grid pattern
Junction Box	IP 68 rated; Cable: 1,000 mm
Frame	Anodized aluminum frame, original or black
Packaging Configuration	30 pcs Per Pallet, 780 pcs per 40' HQ container

¹: With assembly tolerance of ± 2 mm [± 0.08"]

Operating Conditions

Item	Specification
Mechanical Load	8100 Pa by IEC 61215
Maximum System Voltage	TUV 1500 VDC (IEC)
Series Fuse Rating	20 A
Operating Temperature	-40 to 85 °C

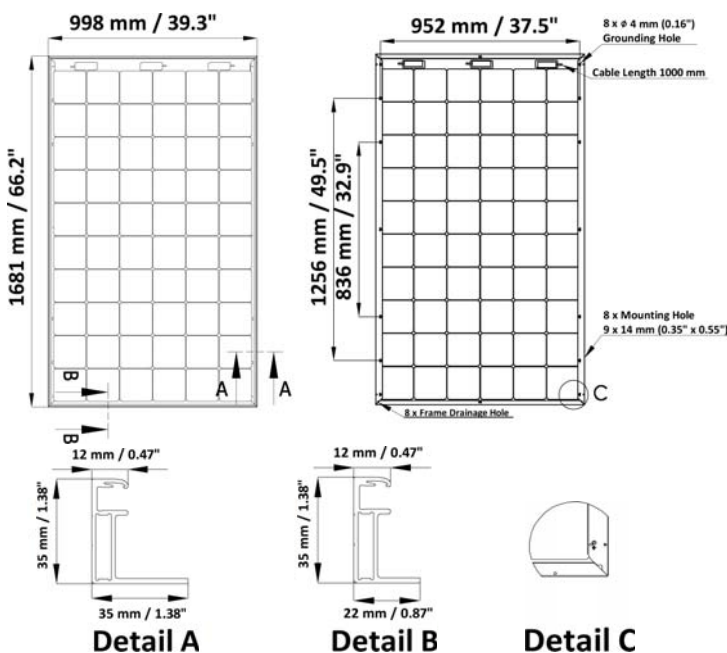
Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	40.6°C ± 2°C
Temperature Coefficient of Isc	0.06 % / °C
Temperature Coefficient of Voc	-0.28 % / °C
Temperature Coefficient of Pmax	-0.38 % / °C

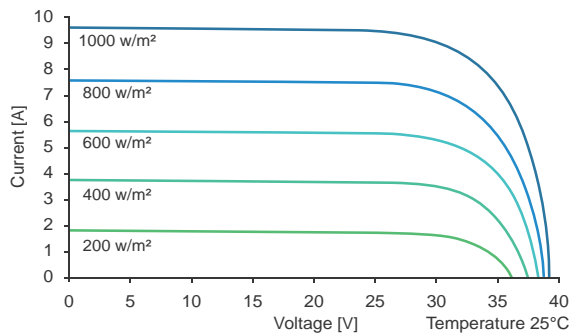
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

*Reduction in efficiency from 1000W/m² to 200W/m² at 25°C: 3 ± 2%.

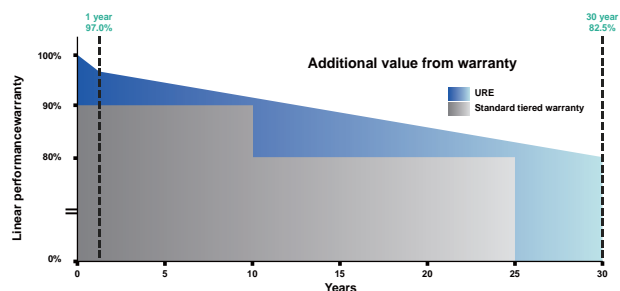
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
30
Years

Product Guarantee
15
Years

For more information, please visit us at www.urecorp.com