Mono

Bifacial Mono PERC 385W Module

LS-HM660BG-360-385

Introduction

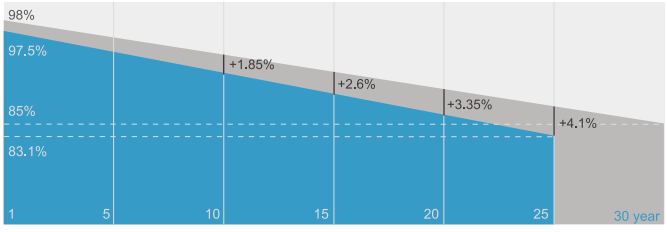
This time-tested legacy module series has been proven to be one of the powerful and most reliable products offered by LS Solar and the most popular choice by PV system installers and customers around world.

- MBB — M busbar solar cell design
- Low cost
- PID — Anti-PID
- Highly reliable due to strict quality control

Superior Warranty

- 12-year product warranty
- 30-year linear power output warranty

0.45% Annual Degradation Over 30 years



Bifacial double glass module linear power warranty

Standard module linear power warranty

Comprehensive Certificates

- IEC 61215, IEC 61730, IEC TS 62804, IEC 61701, IEC 62716, IEC 60068-2-68
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules – Guidelines for increased confidence in PV module design qualification and type approval

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Specificantions subject to technical changes and tests.
Luster Solar reserves the right of final interpretation.

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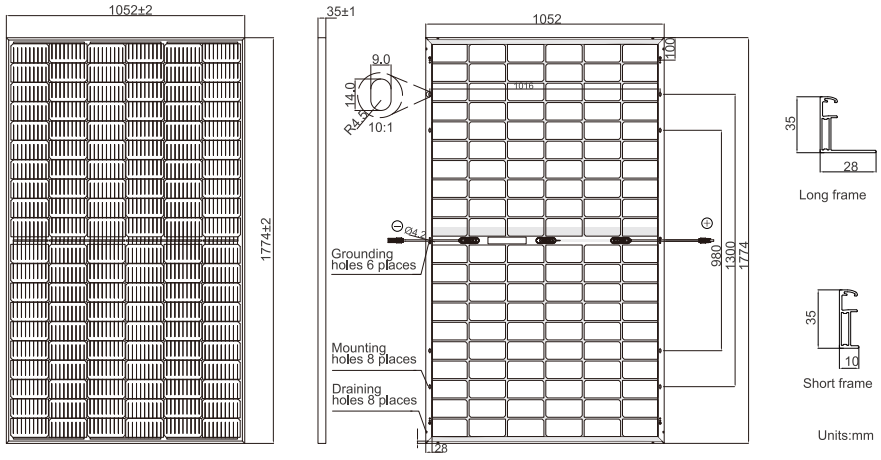
MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	23.0kg±3%
Dimensions	1774±2mm×1052±2mm×35±1mm
Cable Cross Section Size	4mm² (IEC), 12 AWG(UL)
No. of cells	120(6×20)
Junction Box	IP68, 3 diodes
Connector	**MC4 Compatible**
Cable Length (Including Connector)	Portrait:300mm(+)/400mm(-); Landscape:1000mm(+)/1000mm(-)
Packaging Configuration	30pcs/Pallet, 720pcs/40ft Container
Front Glass/Back Glass	2.0mm/2.0mm

ELECTRICAL PARAMETERS AT STC

TYPE	LS-HM660BG -360	LS-HM660BG -365	LS-HM660BG -370	LS-HM660BG -375	LS-HM660BG -380	LS-HM660BG -385
Rated Maximum Power(Pmax) [W]	360	365	370	375	380	385
Open Circuit Voltage(Voc) [V]	40.88	41.05	41.21	41.37	41.52	41.68
Maximum Power Voltage(Vmp) [V]	33.43	33.74	33.98	34.25	34.52	34.82
Short Circuit Current(Isc) [A]	11.30	11.35	11.41	11.47	11.53	11.58
Maximum Power Current(Imp) [A]	10.77	10.82	10.89	10.95	11.01	11.06
Module Efficiency [%]	19.3	19.6	19.8	20.1	20.4	20.6
Power Tolerance	0~+5W					
Temperature Coefficient of Isc(α_Isc)	+0.044%/°C					
Temperature Coefficient of Voc(β_Voc)	-0.272%/°C					
Temperature Coefficient of Pmax(γ_Pmp)	-0.354%/°C					
STC	Irradiance 1000W/m², cell temperature 25°C, AM1.5G					

Remark: Electrical data in this 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.

ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN(REFERENCE TO 370W FRONT)

Backside Power Gain	5%	10%	15%	20%	25%
Rated Max Power(Pmax) [W]	389	407	426	444	463
Open Circuit Voltage(Voc) [V]	40.68	40.68	40.68	40.78	40.78
Max Power Voltage(Vmp) [V]	34.20	34.20	34.20	34.30	34.30
Short Circuit Current(Isc) [A]	11.98	12.55	13.12	13.69	14.26
Max Power Current(Imp) [A]	11.36	11.90	12.44	12.94	13.48

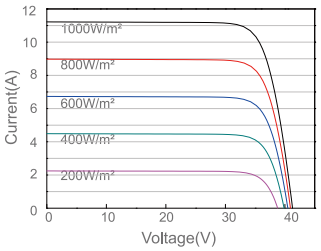
*Bifaciality=Pmax,rear/Rated Pmax,front

OPERATING CONDITIONS

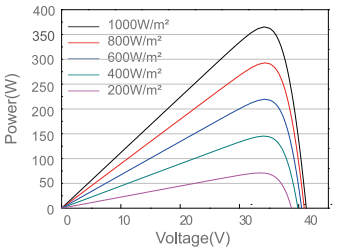
Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	25A
Maximum Static Load,Front Maximum Static Load,Back	5400Pa (112 lb/ft²) 2400Pa (50 lb/ft²)
NOCT	45±2°C
Bifaciality*	70%±10%
Fire Performance	UL Type 29

CHARACTERISTICS

Current-Voltage Curve **LS-HM660BG-365**



Power-Voltage Curve **LS-HM660BG-365**



Current-Voltage Curve **LS-HM660BG-365**