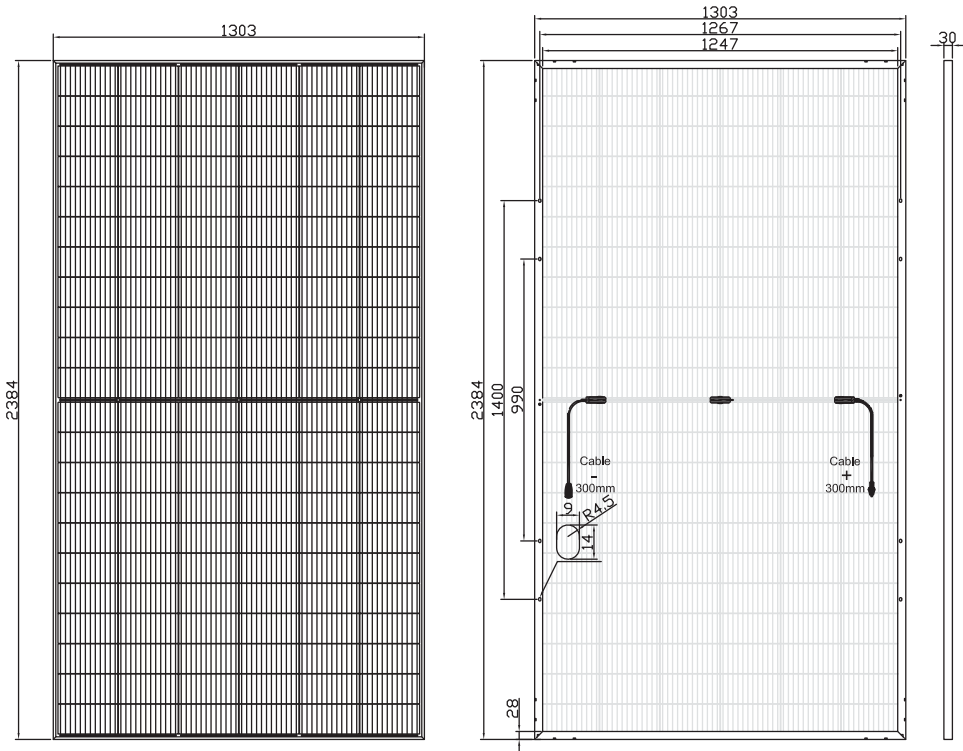


# LF670M12-66H/BF

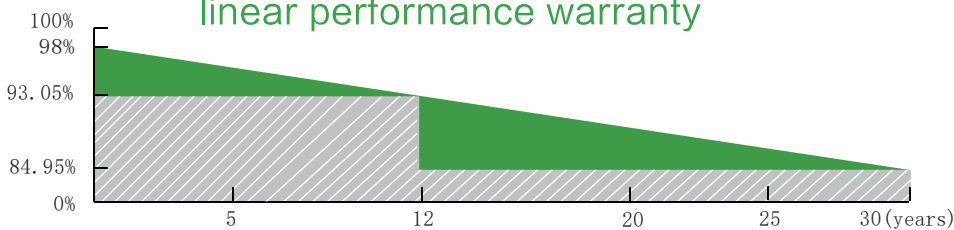
- LF650M12-66H/BF
- LF655M12-66H/BF
- LF660M12-66H/BF
- LF665M12-66H/BF



Ningbo Lefeng New Energy Co.,Ltd



## linear performance warranty



**12** Years  
Material & Craft  
Quality  
assurance

**30** Years  
84.95% output  
Power  
guarantee



ISO9001  
ISO14001  
OHSAS18001



High Module Efficiency



Mechanical Load  
Capability up to 5400 Pa



Salt Mist Corrosion Protect  
Ammonia Resistance



Potential Induced  
Degradation Free

Ningbo Lefeng New Energy Co.,Ltd

Tel: +86-0574-25709777

Tel: +86-0574-25758826

E-mail: Marketing@lefnsolar.com

Add: No. 55 Haihe Road, Binhai Industrial Park, Xiangshan County, Ningbo, 315700, China



- LF650M12-66H/BF
- LF655M12-66H/BF
- LF660M12-66H/BF
- LF665M12-66H/BF

## Electrical Characteristics

| TYPE   |   | LF650M12-66H/BF | LF655M12-66H/BF | LF660M12-66H/BF | LF665M12-66H/BF | LF670M12-66H/BF |
|--|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| STC<br>1000W/M <sup>2</sup><br>Temperature<br>25°C<br>A.M.1.5                | POWER OUTPUT                              | 650             | 655             | 660             | 665             | 670             |
|  | MAX POWER TOLERANCE                       | 0-5W            | 0-5W            | 0-5W            | 0-5W            | 0-5W            |
|  | MODULE EFFICIENCY(%)                      | 20.92           | 21.09           | 21.25           | 21.41           | 21.57           |
|  | VOLTAGE MPP V <sub>mpp</sub> (V)          | 37.88           | 38.07           | 38.26           | 38.45           | 38.64           |
|  | CURRENT MPP I <sub>mpp</sub> (A)          | 17.16           | 17.21           | 17.25           | 17.30           | 17.34           |
| NOCT<br>800W/M <sup>2</sup><br>Environment<br>Temperature<br>20°C<br>A.M.1.5 | VOLTAGE OPEN CIRCUIT V <sub>oc</sub> (V)  | 45.96           | 46.19           | 46.42           | 46.65           | 46.88           |
|  | SHORT CIRCUIT CURRENT I <sub>sc</sub> (A) | 18.28           | 18.32           | 18.37           | 18.42           | 18.47           |
|  | POWER OUTPUT                              | 499.35          | 503.19          | 507.03          | 510.87          | 514.71          |
|  | VOLTAGE MPP V <sub>mpp</sub> (V)          | 34.53           | 34.70           | 34.88           | 35.05           | 35.22           |
| Different<br>rear side<br>power gain   | CURRENT MPP I <sub>mpp</sub> (A)          | 14.46           | 14.50           | 14.54           | 14.58           | 14.61           |
|  | VOLTAGE OPEN CIRCUIT V <sub>oc</sub> (V)  | 42.43           | 42.64           | 42.86           | 43.07           | 43.28           |
|  | SHORT CIRCUIT CURRENT I <sub>sc</sub> (A) | 15.55           | 15.59           | 15.63           | 15.67           | 15.71           |
|  | Pmax Gain                                 | Pmpp            | Pmpp            | Pmpp            | Pmpp            | Pmpp            |
|  | 5%  | 683W            | 688W            | 693W            | 698W            | 704W            |
| 10%  | 715W                                      | 721W            | 726W            | 732W            | 737W            |                 |
| 15%  | 748W                                      | 753W            | 759W            | 765W            | 771W            |                 |
| 20%  | 780W                                      | 786W            | 792W            | 798W            | 804W            |                 |
| TEMPERATURE COEFFICIENTS I <sub>sc</sub> (%/°C)                              |   |                 |                 | 0.046           |                 |                 |
| TEMPERATURE COEFFICIENTS V <sub>oc</sub> (%/°C)                              |   |                 |                 | -0.266          |                 |                 |
| TEMPERATURE COEFFICIENTS P <sub>mp</sub> (%/°C)                              |   |                 |                 | -0.354          |                 |                 |
| NMOT (°C)  |   |                 |                 | 43±3°C          |                 |                 |

## Mechanical Data

|                      |                                       |
|----------------------|---------------------------------------|
| DIMENSIONS OF MODULE | 2384*1303*30mm                        |
| WEIGHT(Kg)           | 38.5                                  |
| CABLE                | 4mm <sup>2</sup>                      |
| Front & Back Glass   | 2.0mm-2.0mm                           |
| JUNCTION BOX         | IP68, 3 Bypass-Diode, 300mm in length |
| TYPE OF CONNECTOR    | Compatible with MC 4 plug             |

## Packaging Configuration

|                  |              |
|------------------|--------------|
| Loading Capacity | 144 pcs/20GP |
|                  | 648 pcs/40HC |

Contact Information

## Working Conditions

|                            |         |
|----------------------------|---------|
| MAX SYSTEM VOLTAGE         | 1500V   |
| SERIES FUSE RATING         | 30A     |
| MECHANICAL LOAD            | ≥5400Pa |
| OPERATING TEMPERATURE (°C) | -40~+85 |
| APPLICATION CLASS          | A       |

## I-V CURVES

