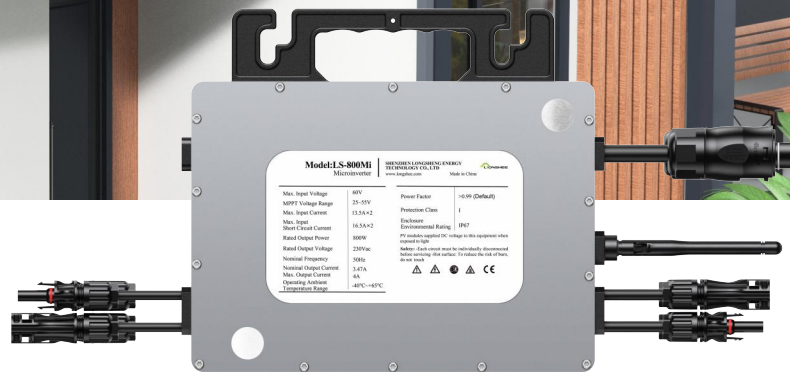


Micro Inverter Datasheet

LS-800Mi



Description

LIONSHEE LS-800Mi microinverter delivers an output power of 800W, featuring wide compatibility, excellent low-light performance, and flexible system design. It is widely used in residential, small industrial, and commercial applications.

Each microinverter is high efficiency up to 96% with 2 individual MPPTs, and monitoring capabilities to maximize the power generation of the installation.

With an IP67 protection rating, it is capable of operating reliably in various harsh environments.

It is also integrates an intelligent Wi-Fi module, enabling real-time monitoring, fault detection, and dynamic power adjustment from 5% to 100%.

Features

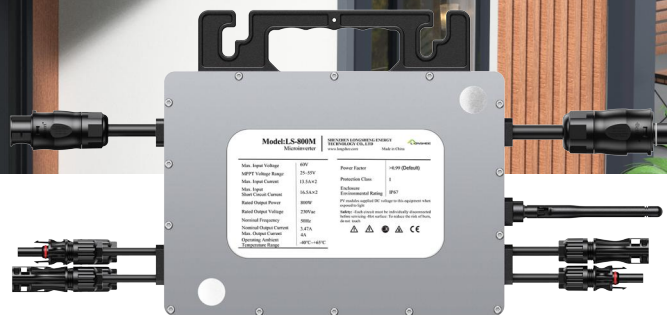
-  High efficiency up to 96% with 2 individual MPPTs
-  High safety with max DC voltage 60V
-  IP 67 protection, die castin design
-  Easy installation of plug and play
-  Integrated smart monitoring & communication system
-  25 year life time design with 10 year product warranty

Technical Specifications

Model	LS-800Mi
Input Data (DC)	
Recommended PV Module Power	280W-550W
Start-up Voltage	20V
MPPT Voltage Range	25-55V
Max. Input Voltage	60V
Max. Input Current	13.5A*2
Max. DC Short Circuit Current	16.5A*2
Number of MPPTs	2
Output Data (AC)	
Rated output power	800W
Nominal Output Voltage	230V
Extended Output Voltage Range	184-253
Nominal Output Current	3.47A
Max. Output Current	4A
Nominal Frequency/Range	50Hz/45 - 55
Power Factor	>0.99 (default)
Total Harmonic Distortion (THD)	<3%
Max. Units Per Branch	5
Efficiency	
Peak Efficiency	96.00%
CEC Efficiency	95.50%
Static MPPT Efficiency	99.50%
Night Time Power Consumption	<50mW
Mechanical Data	
Ambient Temperature Range	-40 C ~ +65 C
Dimensions(WxHxD)	260mm*225mm*32mm
Weight	2.9kg
Enclosure Rating	IP 67
Cooling	Natural Convection - No Fans
Type of Isolation	High Frequency Transformers
Monitoring & Communication	
Communicationt	WiFi
Energy Management	Solarman Online Platform
Certifications & Warranty	
Certifications	IEC62109-1, IEC62109-2:IEC61000-6-1, IEC61000-6-3; VDE4105; VRF2019;NEN-EN 50549-1:2019;PN-EN 50549-1:2019
Warranty	10 Years Standard

Micro Inverter Datasheet

LS-800M



Description

LIONSHEE LS-800M microinverter delivers an output power of 800W, featuring wide compatibility, excellent low-light performance, and flexible system design. It is widely used in residential, small industrial, and commercial applications.

Each microinverter is high efficiency up to 96% with 2 individual MPPTs, and monitoring capabilities to maximize the power generation of the installation.

With an IP67 protection rating, it is capable of operating reliably in various harsh environments.

It also integrates an intelligent Wi-Fi module, enabling real-time monitoring, fault detection, and dynamic power adjustment from 5% to 100%.

Features



High efficiency up to 96% with 2 individual MPPTs



High safety with max DC voltage 60V



IP 67 protection, die castin design



Easy installation of plug and play



Integrated smart monitoring & communication system



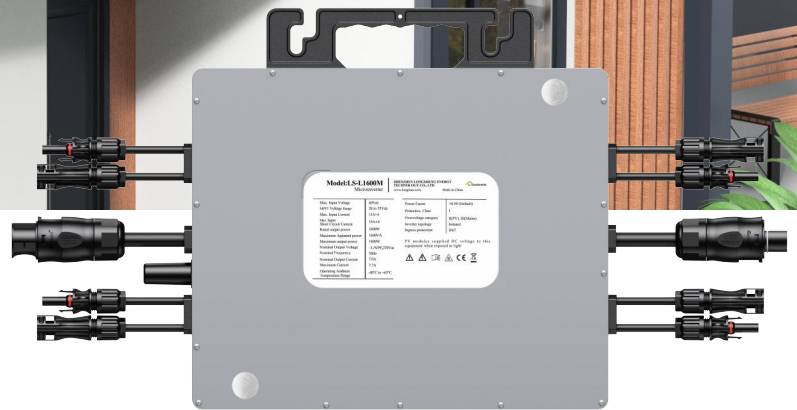
25 year life time design with 10 year product warranty

Technical Specifications

Model	LS-800M
Input Data (DC)	
Recommended PV Module Power	280W-550W
Start-up Voltage	20V
MPPT Voltage Range	25-55V
Max. Input Voltage	60V
Max. Input Current	13.5A*2
Max. DC Short Circuit Current	16.5A*2
Number of MPPTs	2
Output Data (AC)	
Rated output power	800W
Nominal Output Voltage	230V
Extended Output Voltage Range	184-253
Nominal Output Current	3.47A
Max. Output Current	4A
Nominal Frequency/Range	50Hz/45 - 55
Power Factor	>0.99 (default)
Total Harmonic Distortion (THD)	<3%
Max. Units Per Branch	5
Efficiency	
Peak Efficiency	96.00%
CEC Efficiency	95.50%
Static MPPT Efficiency	99.50%
Night Time Power Consumption	<50mW
Mechanical Data	
Ambient Temperature Range	-40 C ~ +65 C
Dimensions(WxHxD)	260mm*225mm*32mm
Weight	2.9kg
Enclosure Rating	IP 67
Cooling	Natural Convection - No Fans
Type of Isolation	High Frequency Transformers
Monitoring & Communication	
Communicationt	WiFi
Energy Management	Solarman Online Platform
Certifications & Warranty	
Certifications	IEC62109-1, IEC62109-2:IEC61000-6-1, IEC61000-6-3; VDE4105; VRF2019;NEN-EN 50549-1:2019;PN-EN 50549-1:2019
Warranty	10 Years Standard

Micro Inverter Datasheet

LS-L1600M



Description

LIONSHEE LS-L1600M microinverter delivers an output power of 1600W, featuring wide compatibility, excellent low-light performance, and flexible system design. It is widely used in residential, small industrial, and commercial applications.

Each microinverter is high efficiency up to 96% with 4 individual MPPTs, and monitoring capabilities to maximize the power generation of the installation.

With an IP67 protection rating, it is capable of operating reliably in various harsh environments.

It is also integrates an intelligent Wi-Fi module, enabling real-time monitoring, fault detection, and dynamic power adjustment from 5% to 100%.

Features

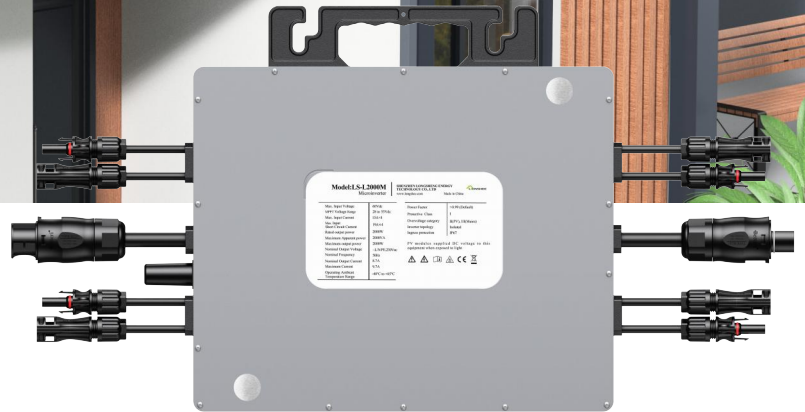
-  High efficiency up to 96% with 4 individual MPPTs
-  High safety with max DC voltage 60V
-  Max.DC input current of 15A, adapt to the market mainstream PV modules
-  Easy installation of plug and play
-  Integrated smart monitoring & communication system
-  25 year life time design with 10 year product warranty

Technical Specifications

Model	LS-L1600M
Input Data (DC)	
Recommended PV Module Power	280W-550W
Start-up Voltage	20V
MPPT Voltage Range	25-55V
Max. Input Voltage	60V
Max. Input Current	13A*4
Max. DC Short Circuit Current	19A
Number of MPPTs	4
Output Data (AC)	
Rated output power	1600W
Nominal Output Voltage	230V
Extended Output Voltage Range	184-253
Nominal Output Current	7A
Max. Output Current	4A
Nominal Frequency/Range	50Hz/45 - 55
Power Factor	>0.99 (default)
Total Harmonic Distortion (THD)	<3%
Max. Units Per Branch	3
Efficiency	
Peak Efficiency	96.00%
CEC Efficiency	95.50%
Static MPPT Efficiency	99.50%
Night Time Power Consumption	<50mW
Mechanical Data	
Ambient Temperature Range	-40℃ ~ +65℃
Dimensions(WxHxD)	312mm*301mm*43mm
Weight	7kg
Enclosure Rating	IP 67
Cooling	Natural Convection - No Fans
Type of Isolation	High Frequency Transformers
Monitoring & Communication	
Communication	WiFi
Energy Management	Solarman Online Platform
Certifications & Warranty	
Certifications	IEC62109-1, IEC62109-2;IEC61000-6; VDE4105; VRF2019;NEN-EN 50549-1:2019;PN-EN 50549-1:2019
Warranty	10 Years Standard

Micro Inverter Datasheet

LS-L2000M



Description

LIONSHEE LS-L2000M microinverter delivers an output power of 2000W, featuring wide compatibility, excellent low-light performance, and flexible system design. It is widely used in residential, small industrial, and commercial applications.

Each microinverter is high efficiency up to 96% with 4 individual MPPTs, and monitoring capabilities to maximize the power generation of the installation.

With an IP67 protection rating, it is capable of operating reliably in various harsh environments.

It is also integrates an intelligent Wi-Fi module, enabling real-time monitoring, fault detection, and dynamic power adjustment from 5% to 100%.

Features

- | | |
|--|---|
|  <p>High efficiency up to 96% with 4 individual MPPTs</p> |  <p>High safety with max DC voltage 60V</p> |
|  <p>Max.DC input current of 15A, adapt to the market mainstream PV modules</p> |  <p>Easy installation of plug and play</p> |
|  <p>Integrated smart monitoring & communication system</p> |  <p>25 year life time design with 10 year product warranty</p> |

Technical Specifications

Model	LS-L2000M
Input Data (DC)	
Recommended PV Module Power	280W-650W
Start-up Voltage	20V
MPPT Voltage Range	28-55V
Max. Input Voltage	60V
Max. Input Current	15A*4
Max. DC Short Circuit Current	19A
Number of MPPTs	4
Output Data (AC)	
Rated output power	2000W
Nominal Output Voltage	230V
Extended Output Voltage Range	184-253
Nominal Output Current	8.7A
Nominal Frequency/Range	50Hz/45 - 55
Power Factor	>0.99 (default)
Total Harmonic Distortion (THD)	<3%
Max. Units Per Branch	3
Efficiency	
Peak Efficiency	96.00%
CEC Efficiency	95.50%
Static MPPT Efficiency	99.50%
Night Time Power Consumption	<50mW
Mechanical Data	
Ambient Temperature Range	-40℃ ~ +65℃
Dimensions(WxHxD)	312mm*301mm*43mm
Weight	7kg
Enclosure Rating	IP 67
Cooling	Natural Convection - No Fans
Type of Isolation	High Frequency Transformers
Monitoring & Communication	
Communicationt	WiFi
Energy Management	Solarman Online Platform
Certifications & Warranty	
Certifications	IEC62109-1 , IEC62109-2:IEC61000-6; VDE4105; VRF2019;NEN-EN 50549-1:2019;PN-EN 50549-1:2019
Warranty	10 Years Standard