



RE NEW ABLES



Description

With the output power up to 400 VA, LEDVANCE microinverter LMS-0.4K F2 rank among the highest for 1-in-1 microinverters.

LMS-0.4K F2 Microinverter

FEATURES



Easy operation



WIFI communication



IP67 protection degree
12 Years Standard, Extended
Warranty Optional



Module level monitoring
Adapt up to 500 W PV module

Specifications

Model	LMS-0.4K F2
Input Data (DC)	
Recommended PV Module Power (STC) Range	400-500
Peak power MPPT voltage range (V)	27-45
Operating voltage range (V)	25-60
Maximum input voltage (V)	60
Maximum input current (A)	16
Output Data (AC)	
Maximum continuous output power (VA)	400
Maximum continuous output current (A)	1.9
Nominal output voltage/Range (V) ①	230 V/207-253 V
Adjustable Output Voltage Range(V)	187 V-265 V
Nominal frequency/Range (Hz) ①	60/59.3-60.5 Hz, 50/48-51 Hz
Adjustable Output Frequency Range(Hz)	45 Hz-65 Hz
Power factor (adjustable)	0.99/0.8 leading...0.8 lagging
Total harmonic distortion	<5%
Efficiency	
Peak convert efficiency	>95%
CEC weighted efficiency	>94%
Nominal MPPT efficiency	>99.8%
Night power consumption (mW)	<30
Mechanical Data	
Ambient temperature range (°C)	-40°C~ + 65°C
Dimensions (W × H × D [mm])	197*195*36
Weight (kg)	1.6
Altitude (m)	2000
Ingress protection	IP67
Cooling	Natural Convection
Features	
Communication	Wi-Fi /802.11b/g/n 2.4GHz
Isolation Design	High Frequency Transformers, Galvanically Isolated
Warranty	12 Years Standard; Extended Warranty Optional
Compliance ②	VDE 0124,CEI 0-21,VDE 0126,RD 1663,RD1699,EN50549-1,EN50549-10,VDE4105,UNE217001/UNE217002/RD647,NB/ T 32004

*① Nominal voltage/frequency range can be changed to fulfill power department's regulation.

*② Combination for different sale region.