

LG NeON[®]RAce

1. Enerbox 2



Internal Communication with Inverter

Type	Broadband Power Line Communication (IEEE 1901)
Sample Rate	15 minute
Band width	2MHz ~ 28MHz
Maximum Node	600

Internal Communication with Smart-meter

Wireless Communication	IEEE802.15.4 ZigBee
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External Communication

Wired Communication	IEEE802.3 10BASE-T/100BASE-TX Ethernet
Wireless Communication	IEEE802.11b,g,n

Power Requirements

Electrical Rating	100-240V, 50/60Hz, 0.22A
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Mechanical Properties

Dimension(W x H x D)	155.8 x 173.4 x 38.2[mm]
Weight	0.4kg
Operating Temperature	0~ 60°C (32~140°F)
Enclosure Rating	IP30

Certifications and Warranty

Certifications	FCC part 15 Class B ETL(UL STD 60950-1 Certified to CAN/CAS STD. C22.2 No.60950-1-07)
Product Warranty	5 Years

2. AC Cable Accessories

AC Cable Assembly (attached on a micro inverter)and Extension Cable(Accessory)

Standard	UL9703
Rated Voltage	600V AC
Temperature Range	-40 to 85°C (-40 to 185°F)
Rated Current	20A
Protection Degree	IP68
Wire Size Range and Specification	3C 12AWG, TC-ER
Diameter range of cable	ø11mm



Extension Cable



Unlocking Tool

Item	Model No.	Drawing	Details
Extension Cable	LEE 16-FM3.AU1	<p>End Cap Male</p> <p>End Cap Female</p> <p>1,600mm, 63inch</p> <p>* End Caps are initially paired with connectors.</p>	<ul style="list-style-type: none"> - Used to connect two AC modules - Usable as an extension cable or a transition cable - End caps are initially paired with connectors -The length 1600mm/63in (only cable length)
Unlocking Tool	LAC-UNLOCK2.AU1		<ul style="list-style-type: none"> - Used in the disassembly of the connector

