

# Data Sheet

# Link Gateway™

The **LeadSolar Link Gateway™** brings intelligence to your PV system by providing network access to the solar array. Both developers and system owners can remotely monitor installations to verify performance or detect system failures. In addition to web viewing via LeadSolar's LinkView™ monitoring software, the Link Gateway™ also includes an internal page for off-line viewing and a SD card for ten years of data storage.



ISO 9001: 2008

## Benefits

### Performance

- Available with built-in PLC filter
- Accurate to  $\pm 2.5\%$
- Up to 10 years of local data storage
- Dual frequency for robust PLC communication

### Versatility

- PLC or ZigBee connectivity, Ethernet, WiFi or GPRS uplink
- Capable of remote or local firmware upgrades
- Series connection eliminates need for a dedicated breaker
- Removable SD card

## TECHNICAL DATA

Input voltage (AC)	208 -240 V
Nominal operating frequency	50 Hz/60 Hz
Power consumption	3 W
Communication interface	PLC or ZigBee
Accuracy	± 2.5%
Maximum pass thru current	50 A
Maximum inverters supported <sup>1</sup>	200

## EXTERNAL INTERFACE

Power interface	240V AC Power Supply
Network interface	802.11b/g/n, 802.3, Cat5E (or 6) UTP Ethernet cable (not included)
GPRS <sup>2</sup> interface	Connection to GPRS devices
Micro SD card interface	Slot to insert standard or HD SD card
Service pin button	Send Service Pin message
Reset button	Restores to factory settings

## MECHANICAL DATA

Operating ambient temperature range	-40° C to 65° C
Dimensions ( W x H x D)	19.6 cm x 12.8 cm x 4.8 cm (7.7 in x 5.0 in x 1.9 in)
Weight	676 g (1.49 lbs)
Cooling	Convection (no fan required)
Enclosure environmental rating	NEMA 1

## INTERNET CONNECTION OPTIONS

Integrated WiFi	802.11b/g/n
Ethernet	802.3, Cat5E

## OTHER FEATURES

User interface	Built-in web pages
Local data storage	Up to 10 years
Firmware upgrading	Via remote or local connection
Software	LeadSolar LinkView™

## COMPLIANCE

Compliance	CAN/CSA C22.2 NO. 60950-1, FCC PART 15
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1. Gateway with external filter- device with internal filter subject to 50A limit
2. GSM General Packet Radio Service