

# COM100E

## Smart Communication Box

**SUNGROW**

Clean power for all



### SMART AND FLEXIBLE

- Support of RS485, Ethernet and WiFi communication
- Support of energy meter, meteo station, sensors and other equipment



### CONVENIENT O&M

- Inverter batch parameter settings and firmware updates
- PV-Plant maintenance via remote Web access for optimized OPEX
- Active and reactive power control
- Local monitoring



### EASY OPERATION

- Night light for maintenance
- Robust enclosure, easy to install

Type designation	
<b>Communication</b>	
Max. number of devices	30
RS485 interface	3
Ethernet	1 * RJ45, 10 / 100 / 1000 Mbps
Digital input	5, Max. 24 VDC
Analog input	4, support 4 ~ 20 mA or 0~10 VDC
<b>Wireless Communication</b>	
WiFi communication	802.11 b / g / n / ac HT20 / 40 / 80 MHz 2.4GHz / 5GHz
<b>Power Supply</b>	
AC input	100 VAC ~ 300 VAC, 50 / 60 Hz
Power consumption	Typ. 20 W, Max. 30 W
Night light for maintenance	<1 W
<b>Ambient Conditions</b>	
Operating Temperature	30 °C ~ 60 °C
Storage Temperature	-40 °C ~ 80 °C
Relative air humidity	≤95 % (non-condensing)
Elevation	≤4000 m
Protection class	IP66

### COM100E

#### Mechanical parameters

Dimensions (W * H * D)	460 mm * 315 mm * 126 mm
Weight	6 kg
Mounting type	Wall mounted, outdoor and indoor
Box material	PC
Cable specification	AC cable: outdoor UV protection cable of 1~1.5 mm <sup>2</sup> , outside diameter 13~18mm RS485 cable: outdoor UV protection shielded twisted pair (STP) of 0.75~1.5 mm, outside diameter 6~18mm Ethernet: CAT5 cable, outdoor UV protection shielded, outside diameter 6~18mm AI, DI: outdoor UV protection cable of 1~1.5 mm <sup>2</sup> , outside diameter 4.5~6mm

#### Ordering information

COM100E	The COM100E includes Logger1000B, AC adapter, SPD, Air switch, Night light Support of WiFi wireless communication Apply to Global
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