

Smart Communication Box

COM100 B



Smart and Flexible

- Integrated with 3G/4G router, convenient and flexible networking
- Flexible installation with wall-mounted, column mounted and floor-standing method



Simple and Efficient

- Seamless connection to iSolarCloud for easier central management of PV plants



Safe and Reliable

- IP65, ensuring long-term and stable outdoor operation



COM100B is applied to Commercial PV Plants supporting 3G/4G wireless communication or Ethernet communication.

Standard Configuration

Logger3000	Max. management 200 devices
3G/4G Router	UMTS Band 1/2/5/8 EDGE/GPRS/ GSM 850/900/1800/1900
Power Module	110 ~ 240 VAC – 24 VDC

Ambient Parameters

Operating temperature	-20 °C to 60 °C
Storage temperature	-30 °C to 70 °C
Operating humidity	≤ 95 % (non-condensing)
Max. operating altitude	≤ 3000 m
Protection class	IP65

Power Supply

Power module	110 V – 240 V (50 / 60 Hz)
Power consumption	Typ. 20 W / Max. 30 W

Mechanical Parameters

Dimension (W*H*D)	570*600*190 mm
Weight	24 kg
Installation method	Wall mounting, pole mounting, ground mounting
Cable routing	In and out both from the bottom
Cable specification	AC power cable: outdoor UV protection cable of 1.0 mm RS485 cable: outdoor UV protection shielded twisted pair (STP) of 1.0 mm

