

Smart Communication Box

COM100 A



Smart and Flexible

- 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

- Electrical isolation and lightning protection equipped for each terminals to ensure the reliable communication

COM100A is intended for the Utility PV Plant with fiber ring network.

Standard Configuration

Logger3000	Max. management 200 devices
Fiber Switch	2 Fiber ports and 6 Ethernet ports
Fiber Splice Box	2-input and 12-output

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 supply	AC110 V – 240 V (50 / 60 Hz)
Power consumption	Typ. 20 W / Max. 30 W

Mechanical Parameters

Dimension (W*H*D)	570*790*190 mm
Weight	32 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

