

# COM100A

## Smart Communication Box

**SUNGROW**

Clean power for all



### 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.

Type designation	COM100A
<b>Standard Configuration</b>	
Logger3000	Max. management 200 devices
Fiber Switch	2 Fiber ports and 6 Ethernet ports
Fiber Splice Box	2-input and 12-output
<b>Ambient Parameters</b>	
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
<b>Power Supply</b>	
Power supply	AC110 V – 240 V (50 / 60 Hz)
Power consumption	Typ. 20 W / Max. 30 W
<b>Mechanical Parameters</b>	
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

