

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
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

