

GOODWE

Solar communication box 3000

The SCB3000 (Solar Communication Box) integrates PLC 2.0 to enhance anti-interference ability, transmission rate & communication distance, and can be adapted to I-V curve diagnosis function, which makes it a perfect match for smart inverters.



Enhanced anti - interference ability



Longer communication distance



Increased transmission rate



Adaptable to I - V curve diagnosis

Technical Data

SCB3000

Power Supply Input	Voltage Range	AC 100V~240 V
	Frequency Range	50 / 60 Hz
AC Line Input Voltage Range		Max. AC 800 V
Rated Power Consumption		≤18 W
Communication Interface	With Inverter	PLC 2.0 / RS485
	With Server	LAN / Optical Fiber
Max Inverters Connected		PLC: 60 units RS485: 60 units
Max Length Communication Cable		RS485 / PLC: 1000 m LAN: 100 m, Optical Fiber: 20 km
Other Interface		USB, SD
Fiber Parameters	Centre Wavelength	1310 / 1550 nm
	Transmission Distance	20 km
	Interface	SC
	Optical Ports	Port A: 1550 nm (Transmit) 1310 nm (Receive)
		Port B: 1310 nm (Transmit) 1550 nm (Receive)
Mechanical Specifications	Size (Width × Height × Depth)	351 × 460 × 142.2 mm
	Weight	10.5 Kg
	Protection Degree	IP65
	Installation	Wall Mounting Bracket Mounting Pole Mounting Horizontal Mounting
Operating Temperature Range		-30 ~ +60 °C
Storage Temperature		-30 ~ +70 °C
Relative Humidity		0-100 %, Non-condensing
Altitude		<4000 m

*: Please visit GoodWe website for the latest certificates.