

Solar Communication Box 3000

GoodWe offers the SCB3000A&B (Solar Communication Box) to achieve optimal data acquisition and centralized monitoring & maintenance for devices within PV systems. Featuring flexible networking and easy operations, the box is a perfect match for smart inverters in large-scale C&I rooftop and ground-mounted PV projects. Optical fiber ring network communication is also supported to guarantee the accuracy of data transmission between PV sub-arrays. In addition, SCB3000B itself supports dual-winding transformers, presenting high cost-effectiveness and efficiency in terms of communication deployments.



Data collection and storage



Easy O&M



Power Line Communication 2.0



Optical fiber ring network

Model	SCB3000A	SCB3000B
Communication		
Max. Inverters Supported	60	120
RS485 interface	4	8
Ethernet	1 × RJ45, 10 / 100 Mbps	2 × RJ45, 10 / 100 Mbps
Number of PLC	1	2
Input Voltage Range of PLC (V)	800	
Configuration		
Datalogger	Ezlogger Pro × 1	Ezlogger Pro × 2
Fibre Channel Switch	2 optical ports, 6 electrical ports	
Fiber Termination Box	4-input, 24-output, SC single-mode	
Power Supply	100-277 Vac, 50 / 60 Hz	
Power Consumption (W)	≤18	≤30
Mechanical		
Dimensions (W × H × D mm)	724 × 780 × 229	
Weight (kg)	25.5	
Installation Method	Wall mounting, bracket mounting, pole mounting	
Environment		
Operating Temperature Range (°C)	-30 ~ +60	
Storage Temperature Range (°C)	-40 ~ +70	
Relative Humidity	0-100% (non-condensing)	
Max. Operating Altitude (m)	2000	
Ingress Protection Rating	IP65	

*: Please visit GoodWe website for the latest certificates.