

SCU3000

GoodWe provides the SCU3000 (Solar Communication Unit) to achieve optimal data acquisition and centralized monitoring & maintenance for devices within PV systems. With its flexible networking and easy operations, the unit is an ideal choice for smart inverters in large-scale commercial and industrial (C&I) as well as utility-scale PV projects. Additionally, it supports optical fiber ring network communication to ensure accurate data transmission between PV sub-arrays.



SD memory card for log storage and export



Embedded Web server for batch configuration and upgrade



Support of multiple protocols



Support of various communication ports

Model	SCU3000-S	SCU3000	SCU3000A-S	SCU3000A
Communication				
Max. Inverters Supported		200		
RS485 interface		8		
Ethernet		2 x RJ45, 10 / 100Mbps		
Number of PLC	1 x PLC	2 x PLC	1 x HPLC	2 x HPLC
Input Voltage Range of PLC (V)		800		
Configuration				
Datalogger	EzLogger3000U x 1	EzLogger3000U x 1	EzLogger3000U-A x 1	EzLogger3000U-A x 1
Fibre Channel Switch		2 optical ports, 6 electrical ports		
Fiber Termination Box		24 ports, SC single-mode		
Power Supply		100 ~ 240Vac, 50 / 60Hz		
Power Consumption (W)	≤30	≤35	≤30	≤35
Mechanical				
Dimensions (W x H x D mm)		723 x 780 x 226		
Weight (kg)	25	28	25	28
Installation Method		Wall mounting, bracket mounting, pole mounting		
Environment				
Operating Temperature Range (°C)		-30 ~ +60		
Storage Temperature Range (°C)		-40 ~ +70		
Relative Humidity		5 ~ 95%		
Max. Operating Altitude (m)		5000		
Ingress Protection Rating		IP65		

*: Please visit GoodWe website for the latest certificates.

*: All pictures shown are for reference only. Actual appearance may vary.