

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
Communication		
Max. Inverters Supported		200
RS485 interface		8
Ethernet		2 x RJ45, 10 / 100Mbps
Number of PLC	1 x PLC	2 x PLC
Input Voltage Range of PLC (V)		800
Configuration		
Datalogger	EzLogger3000U x 1	EzLogger3000U x 1
Fibre Channel Switch		2 optical ports, 6 electrical ports
Fiber Termination Box		24 ports, SC single-mode
Power Supply		100 ~ 240Vac, 50 / 60 Hz
Power Consumption (W)	≤20	≤35
Mechanical		
Dimensions (W x H x D mm)		723 x 780 x 226
Weight (kg)	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.