

Smart Energy Controller

GoodWe Smart Energy Controller SEC3000C/SEC3000 enables centralized monitoring of the solar system, supporting real-time data collection and analysis. In addition, the SEC3000C allows the parallel connection of GoodWe's on-grid and hybrid inverters. As an all-in-one solution, it eliminates the need for additional meters or 4G routers, simplifying system setup and reducing costs.



Mixed parallel & centralized monitoring for hybrid and on-grid inverters



Adaptable EMS modes for various applications



Support generator / smart load control and microgrid operation



Faster data transfer speed

Model	SEC3000	SEC3000C
Communication		
Max. Inverters Supported	RS485: 60	RS485: 60, LAN: 10
RS485 interface		4
Ethernet		2 × RJ45, 10 / 100Mbps
4G		Optional
Digital / Analog Input / Output		DI × 4, DO × 2, AI × 4
Configuration		
Datalogger		EzLogger3000C × 1
Switch	-	15 Ports
Smart Meter		GM330 × 1
Meter Voltage Measurement Range (Vac)	3L / N / PE: 172 ~ 415 (line voltage) 3L / PE: 100 ~ 240 (line voltage)	3L / N / PE: 172 ~ 817 (line voltage) 3L / PE: 100 ~ 472 (line voltage)
Meter Frequency Measurement Range (Hz)		50 / 60
Meter Current Measurement Range		nA: 5A (200 ≤ n ≤ 5000)
Power Supply	-	100 ~ 240V, 50 / 60Hz
Power Consumption (W)	≤15	≤25
Mechanical		
Dimensions (W × H × D mm)		450 × 400 × 242
Weight (kg)	≤11	≤16.9
Installation Method		Wall mounting, bracket mounting, pole mounting
Environment		
Operating Temperature Range (°C)		-30 ~ +60
Storage Temperature Range (°C)		-40 ~ +70
Relative Humidity		0 ~ 95% (non-condensing)
Max. Operating Altitude (m)		3000
Ingress Protection Rating		IP66
Anti-corrosion Class	C5L	C5M
Certification Compliance		
Certificate		CE-RED (EN18031), RCM

*: Please visit GoodWe website for the latest certificates.