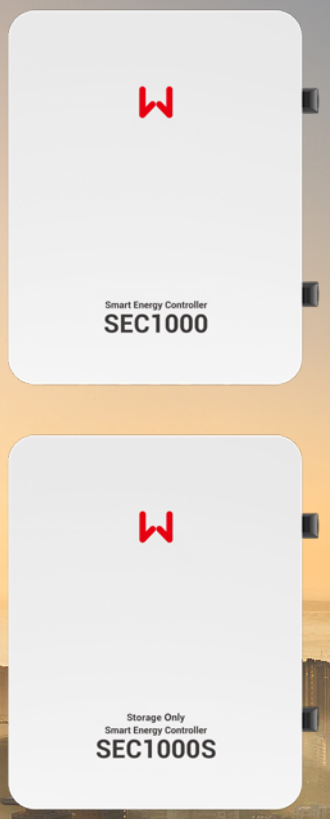
GOODWE

Smart Energy Controller

The SEC is a smart energy controller entirely developed by GoodWe. When combined with a GoodWe solar inverter, it is able to achieve real-time data collection and analysis. Furthermore, the SEC can automatically adjust active power output, power factor and other parameters of a solar power plant. It can even limit AC output to the grid, which further distributes and allocates system resources more effectively. The SEC is composed of GoodWe's three-phase meter and control board. It can be connected with SEMS to control and manage the performance of inverters in each string. Small box, mighty functions!



- For both on-grid and storage
- IP65 ingress protection
- Export power control
- Real-time monitoring

Model	SEC1000	SEC1000S
Communication		
Max. Inverters Supported	60	10
RS485 interface	3	
Ethernet	1 × RJ45, 10 / 100 Mbps	
Configuration		
Datalogger	EzLogger Pro × 1	
Meter	GM3000 × 1 + CT Adapter Module × 1	
Compatible Current Transformer (not supplied)	nA: 5A	
Power Supply	60-280Vac, 50 / 60Hz	
Power Consumption (W)	≤10	
Mechanical		
Dimensions (W × H × D mm)	350 × 460 × 143	
Weight (kg)	6	
Installation Method	Wall mounting, bracket mounting, pole mounting	
Environment		
Operating Temperature Range (°C)	-25 ~ +60	
Storage Temperature Range (°C)	-40 ~ +70	
Relative Humidity	0 ~ 100%	
Max. Operating Altitude (m)	2000	
Ingress Protection Rating	IP65	

*: SEC1000 has two models. One is for on-grid and the other is for storage. The on-grid one (SEC1000) is for monitoring and export power control, while the storage one (SEC1000S) is for export power control and ET5 ~ 10kW Series inverter parallel control (up to 10 units).
*: Please visit GoodWe website for the latest certificates.

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