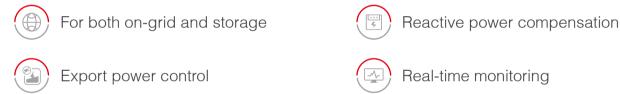
GOODWE

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!





Model	SEC1000	SEC1000S
Communication		
Max. Inverters Supported	60	10
RS485 interface	3	
Ethernet	1 × RJ45, 10 / 100 Mbps	
Configuration		
Datalogger	EzLogger Pro x 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 \times H \times 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 ET 5-10kW Series inverter parallel control (up to 10 units).

*: Please visit GoodWe website for the latest certificates.