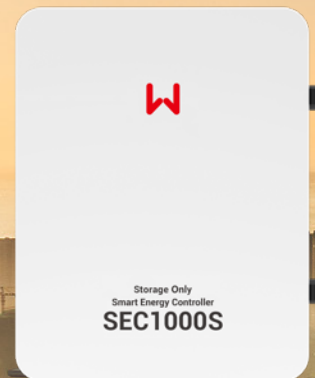
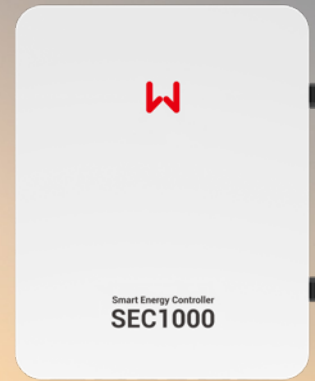


## Smart Energy Controller

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
<b>Communication</b>		
Max. Inverters Supported	60	10
RS485 interface		3
Ethernet		1 x RJ45, 10 / 100 Mbps
<b>Configuration</b>		
Datalogger		EzLogger Pro x 1
Meter		GM3000 x 1 + CT Adapter Module x 1
Compatible Current Transformer (not supplied)		nA: 5A
Power Supply		60-280Vac, 50 / 60Hz
Power Consumption (W)		≤10
<b>Mechanical</b>		
Dimensions (W x H x D mm)		350 x 460 x 143
Weight (kg)		6
Installation Method		Wall mounting, bracket mounting, pole mounting
<b>Environment</b>		
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.