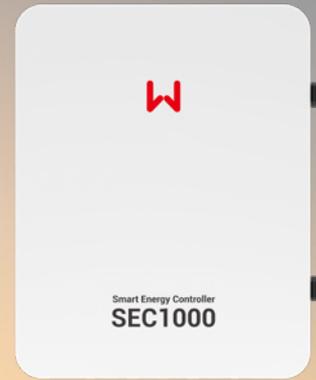


## Smart Energy Controller

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	20
RS485 interface		3
Ethernet	1 x RJ45, 10 / 100 Mbps	
<b>Configuration</b>		
Datalogger	Ezlogger x 1	
Meter	GM3000 x 1	
Power Supply	100-280Vac, 50 / 60 Hz	
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% (non-condensing)	
Max. Operating Altitude (m)	2000	
Ingress Protection Rating	IP65	

\*: Please visit GoodWe website for the latest certificates.