

SEC1000 On-grid / Hybrid

The SEC1000 (Smart Energy Controller) is composed of GoodWe's three phase meter and Ezlogger Pro. It can be connected with SEMS to control and manage the performance of inverters in each string. Small box, mighty functions!



Technical Data	SEC1000 (Hybrid)	SEC1000 (On-grid)
Input Voltage Range (V)	Phase Voltage: AC 60V~280V	
	Line Voltage: AC 100V~480V	
AC Input	3L/N/PE or 3L/PE	
Input Voltage Frequency	50Hz/60Hz	
Input Current Range	0~5A	
Rated Power Consumption	<10W	
Communication Mode with Inverter	RS485	
Maximum Distance for Controlling Inverter	1000m (Using the mode of shielded twisted pair)	
Maximum Number of Inverters in Controlling	60 pcs	
Communication Mode with Terminals	LAN, GPRS	
Firmware*	Hybrid FW	On-grid FW
System Boot Time	3s (Max)	
Operating Temperature Range (°C)	-25~60	
Relative Humidity	0~100%	
Level of Protection	IP65	
Size (L*W*H mm)	420×320×131mm	
Weight (Kg)	4Kg	

*SEC1000 has two versions. One is on-grid version, and the other is hybrid version. The on-grid version is for monitoring, export power control and reactive power compensation, while the storage version is for export power control and ET inverters parallel control (less than 10 pcs). These two versions look the same, but use different firmware.