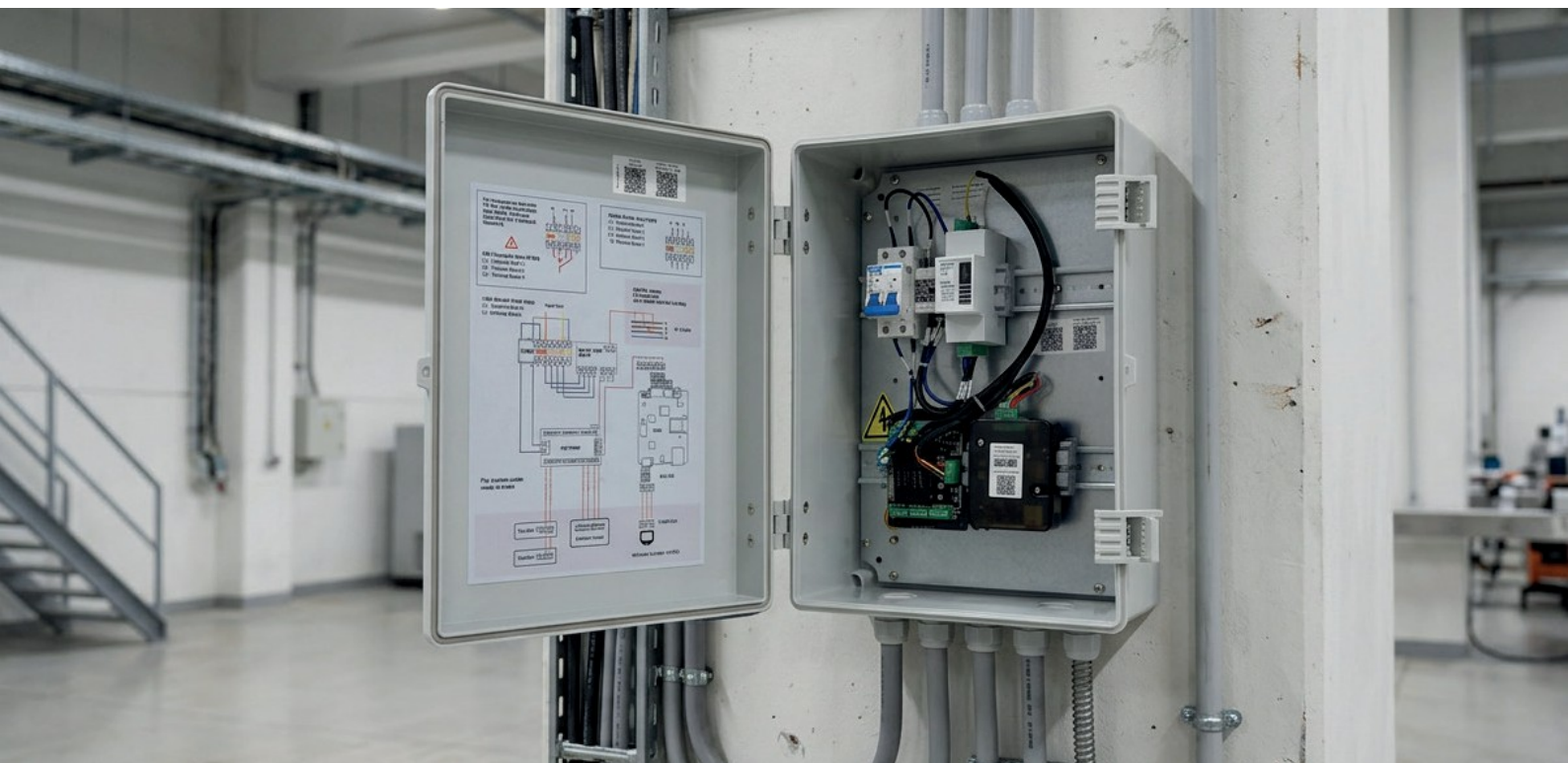




SMART ENERGY CONTROL

The SE-FC2 unit is a smart energy controller developed by Chint Power Systems. When connected to Chint Power solar inverters, it is capable of real-time data collection and analysis. Additionally, the SE-FC2 unit can automatically adjust the active power output, power factor, and other parameters of a solar power plant.

It can also limit AC output to the grid based on load power, thereby distributing and allocating system resources more effectively. The SE-FC2 unit consists of a Chint three-phase meter and an SEC (Smart Ethernet Card). It can connect to the Chint monitoring cloud to provide remote monitoring capabilities.

- | System Self-Consumption Monitoring
- | Export Limitation for Commercial Projects Support
- | for Online Monitoring and Online Service

Smart Energy Controller • Grid Zero

SE-FC2(-E)

Model	SE-FC2-E
Communication	
Max. number of connected inverters	10
RS485	4
Ethernet	1 × RJ45, 10 / 100 Mbps
Configuration	
Data Logger	Flex Gateway X2
Meter	FD2-M+ 3 CTs
Compatible Current Transformer	Rogowski Coil (5000 A)
Rated Voltage	230/400 VAC, 50/60 Hz
Wiring Configuration	3P4W/3TC, 3P3W/3TC
Mechanical	
Dimensions (Width x Height x Depth)	400 × 300 × 170 mm
Weight	6 kg
Installation Method	Wall-mounted
Environment	
Operating Temperature Range	-30 °C to +60 °C
Storage Temperature Range	-40 °C to +70 °C
Relative Humidity	0 ~ 100 %
Maximum Operating Altitude	4,000 m
Ingress Protection Rating	IP66