SAU100J0

Smart Power Controller



Model	SAU100J0
Communication	
Max. Inverters Connected	10
RS485	1
Ethernet	1 × RJ45, 10 / 100 Mbps
Configuration	
Datalogger	Smart Ethernet Card x 1
Meter	DTSU666~1.5A(6A)+3CTs
Compatible Current Transformer *	nA:5A
Nominal voltage	230/400Vac, 50/60Hz
Mechanical	
Demensions(W x H x D)	400*300*180mm
Weight	6kg
Installation Method	Wall mounting
Environment	
Operating Temperature Range	-30° C ~ +60° C
Storage Temperature Range	-40° C ~ +70° C
Relative Humidity	0 ~ 100%
Max. Operating Altitude	4000m
Ingress Protection Rating	IP66

*Standard configuration is 300A:5A, can use customized current transformers. The secondary nominal rms current must be 5A.

The SAU box is a smart power controller developed by Chint Power Systems. When connected with a ChintPower solar inverter, it is able to achieve real-time data collection and analysis. Furthermore, the SAU can automatically adjust active power output, power factor and other parameters of a solar plant. It can also limit AC output to the grid according to the load power, which further distributes and allocates system resources more effectively. The SAU is composed of Chint three-phase meter and SEC(Smart Ethernet Card). It can be connected with MatriCloud to provide the remote monitoring function.

Features

- System self-consumption monitoring
- Export limitation for commercial projects
- Support online monitoring and online service