



## Smart

- Functioning as communication manager, data logger, PLC master and Ethernet switch
- Multiple communication interfaces including PLC, RS485, Fast Ethernet, and SFP ports, flexible applications
- Up to 200 devices supported, including up to 80 Smart Inverters
- STP and RSTP supported for multi-ring Ethernet network and ring protection
- Bluetooth, embedded WEB and USB supported, user-friendly
- Smart String I-V Diagnosis supported

## Simple

- An integration of data collection, protocol conversion and Ethernet switch

## Reliable

- Industrial application and carrier-class reliability

Description	Specification
	<b>Device Management</b>
Max. Number of Manageable Devices	200
Max. Number of Manageable Smart Inverters	80
	<b>Communication Interface</b>
Electrical Ethernet	ETH × 2, 10 / 100 Mbps
Optical Ethernet (optional)	SFP × 2, 100 Mbps
RS485	COM × 6, 4800 / 9600 / 19200 bps
PLC	PLC × 1, 115.2 kbps
Digital / Analog Input / Output	DI × 8, DO × 3, AI × 8, AO × 6
	<b>Communication Protocol</b>
Ethernet	ModBus-TCP, IEC 60870-5-104
RS485	MODBUS-RTU, IEC 60870-5-101/103
	<b>Interaction</b>
LED	LED Indicator × 4
WEB	Embedded WEB
Bluetooth	SUN2000 App
USB	USB2.0 × 1
	<b>Environment</b>
Operating Temperature	-40°C ~ +60°C (-40 °F ~ +140 °F)
Storage Temperature	-40°C ~ +85°C (-40 °F ~ +185 °F)
Relative Humidity (Non-Condensing)	5% ~ 95%
Operating Altitude	0 ~ 4,000m (0 ~ 13,123 ft.)
	<b>Mechanical</b>
Power Supply	90 Vac ~ 264 Vac , 50Hz / 60Hz
Power Consumption	Min. 8W, Max. 15W
Dimensions (W/H/D)	350mm × 170mm × 44mm (13.8 × 6.7 × 1.7 inches)
Weight	3.8 kg (8.4 lb.)
Protection Rating	IP20
Installation Option	Wall-Mounted, Rail-Mounted, Integrated Inside Huawei Smart Array Controller (SACU)

