



## Smart

- MODBUS-TCP for connections to Huawei NetEco
- IEC60870-5-104 for connections to third-party monitoring systems
- USB and embedded web for data reading and software upgrade
- Automatically detecting facilities and mapping RS485 addresses
- Remote control of active & reactive power

## Simple

- Up to 80 inverters per SmartLogger1000
- Up to 30 devices per RS485 bus
- Easy to install on walls, tabletops and rails

## Stable

- Max. reliable communication range of 1,000m

Technical Specifications	SmartLogger1000
	<b>Device Management</b>
Max. Number of Manageable Devices	80
Max. Number of Manageable Smart Inverters	80
	<b>Communication Interface</b>
Electrical Ethernet	ETH × 1, 10 / 100 Mbps
RS485	COM × 3, 4800 / 9600 / 19200 bps
Digital / Analog Input / Output	DI × 4, DO × 3, AI × 2
	<b>Communication Protocol</b>
Ethernet	ModBus-TCP, IEC 60870-5-104
RS485	MODBUS-RTU, IEC 60870-5-101/103
	<b>Interaction</b>
LCD	3.5inch Graphic LCD
LED	LED Indicator × 3
WEB	Embedded WEB
Bluetooth	SUN2000 App
USB	USB2.0 × 1
	<b>Environment</b>
Operating Temperature	-20°C ~ +60°C (-4 °F ~ +140 °F)
Storage Temperature	-40°C ~ +85°C (-40 °F ~ +185 °F)
Relative Humidity (Non-Condensing)	5% ~ 95%
	<b>Electrical</b>
Power Supply	90 Vac ~ 264 Vac , 50Hz / 60Hz
Power Consumption	Min. 3W, Max. 7W
	<b>Mechanical</b>
Dimensions (W/H/D)	225 × 140 × 50 mm (8.9×5.5 ×2.0 inch)
Protection Grade	IP20
Installation Options	Wall-Mounted, Rail-Mounted, Tabletop-Mounted



# Smart Anti-PID2000 Module



Smart Anti-PID2000 Module is installed in the SmartACU2000B cabinet to reduce the negative effect of the Potential Induced Degradation (PID), and it supports 1000V / 1100V / 1500V DC System.

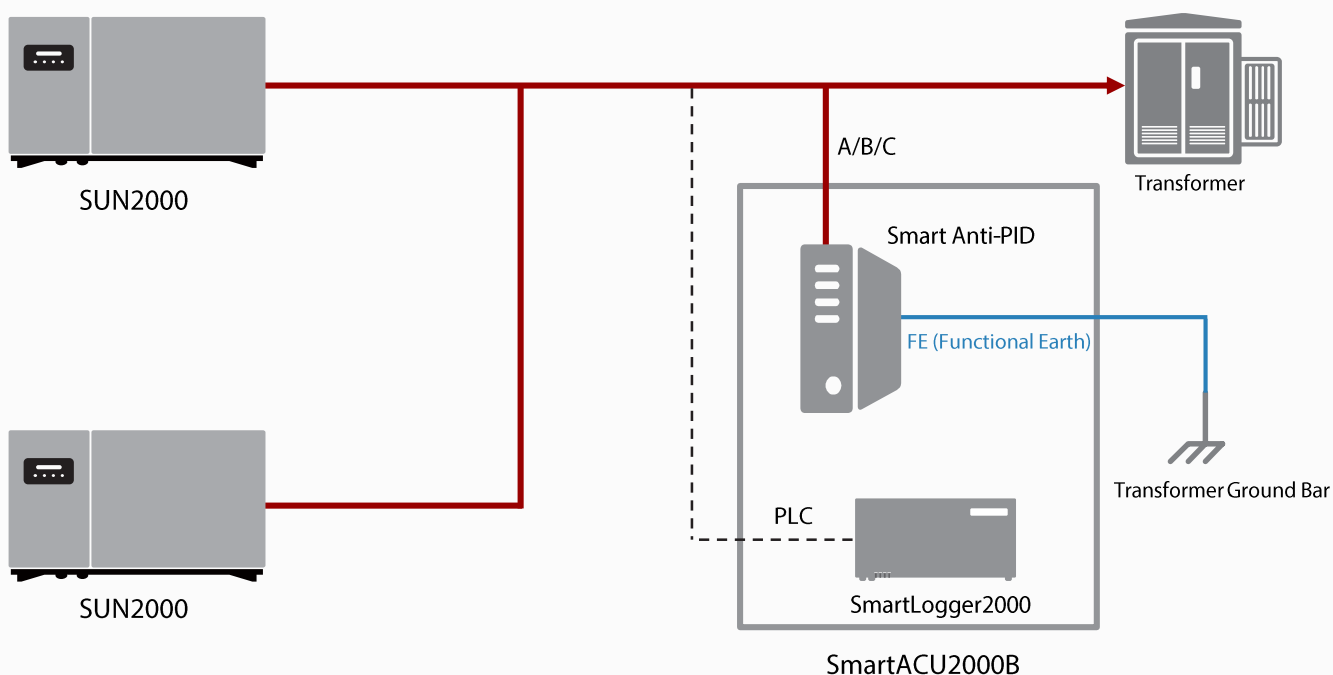
## Smart

- Automatically switches between midpoint feed and PV compensation modes according to inverters status
- Get information of the Anti-PID module and O&M by mobile APPs

## Safe

- Guarantee human safety by highly accurate Residual Current Detection (RCD) protection
- Protection rating of IP65

## Smart Anti-PID2000 Solution



### Notes:

1. The Smart Anti-PID2000 solution could ONLY be deployed in utility installations which are normally connected to the medium voltage (MV) grid running WITHOUT neutral line.
2. The Smart Anti-PID2000 module must work with Huawei SmartLoggers and Huawei inverters.

