

# SmartLogger3000B



Without SmartModule1000A



With SmartModule1000A



### Smart

Connecting up to 200 devices,  
One-click commissioning



### Simple

Deployment wizard allowed, including  
parameters configuration, devices connection



### Reliable

Safety improvement  
by lightning protection module

## Technical Specifications

Model	SmartLogger3000B	SmartLogger3000B with SmartModule1000A
<b>Device Management</b>		
Max. Manageable Devices	200	
Max. Manageable Smart String Inverters <sup>1</sup>	150	
Max. Manageable Smart PCS / Smart String ESS <sup>1</sup>	44 / 24	
<b>Communication Interface</b>		
WAN	WAN x 1, 10 / 100 / 1,000 Mbps	
LAN	LAN x 1, 10 / 100 / 1,000 Mbps	LAN x 3, 10 / 100 / 1,000 Mbps
Optical Ethernet	SFP x 2, 100 / 1,000 Mbps	
MBUS	MBUS x 1, 115.2 kbps, Compatible with PLC	
RS485	COM x 3	COM x 6
Digital / Analog Input / Output	DI x 4, DO x 2, AI x 4	DI x 8, DO x 2, AI x 7
PT100 / PT1000	0	2
Active DO	12 V, 100 mA (connection with relay, sensor)	
<b>Communication Protocol</b>		
Ethernet	Modbus-TCP, IEC 60870-5-104	
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645	
<b>Interaction</b>		
LED	LED Indicator x 3	LED Indicator x 5
WEB	Embedded Web	
USB	USB 2.0 x 1	
APP	Communication by WLAN for commissioning	
<b>Environment</b>		
Operating Temperature Range	-40°C ~ 60°C	
Storage Temperature Range	-40°C ~ 70°C	
Relative Humidity	5% ~ 95% (Non-condensing)	
Max. Operating Altitude	4,000 m	
<b>Electrical</b>		
Power Adapter	AC input: 100 V ~ 240 V, 50 Hz / 60 Hz; DC output: 12 V, 2 A	
DC Power Supply	24 V, 0.8 A	
Power Consumption	Typical 9 W, Max. 15 W	Typical 10 W, Max. 18 W
<b>Mechanical</b>		
Dimensions (W x H x D, without mounting ears)	225 x 160 x 44 mm	350 x 160 x 44 mm
Weight	2 kg	3 kg
Protection Degree	IP20	
Installation Options	Wall Mounting, DIN Rail Mounting, Tabletop Mounting	

<sup>1</sup>: One smartlogger supports max. manageable devices for either smart string inverter or Smart string ESS in one power block