

Ai-Logger 2000

Ai-Logger 2000 high-performance data logger by Solplanet, is used for monitoring inverters, transformer stations, as well as third-party electricity meters and environmental monitoring instruments, etc. By managing inverters, collecting data and adjusting the operating status. It serves as a key connection node between inverters and photovoltaic power plant monitoring systems, enabling real-time monitoring and management scheduling of photovoltaic plant data, effectively enhancing the efficiency of power plant management and maintenance.



Safer

- Source data desensitization and encrypted communication links

Smarter

- Multi-scenario system control

More efficient

- Real-time response and rapid operations maintenance, effectively ensuring the safe operation of power stations

More reliable

- Adaptable to extreme application environments with long operational uptime

Technical Datasheet

Ai-Logger 2000

Device Management	Max. number of devices access to RS485	180
	Max. number of devices access to each port	RS485: 30; ABUS: 80; LAN / FE: 32
Northbound Interface	WAN	2×WAN
	Optical fiber	2×SFP
Southbound Interface	LAN	4×LAN
	Serial port	6 × RS485
	AI port	4×AI
	DI port	4×DI
	DO port	4×DO
	PT100 / PT1000	2×PT100 / PT1000
	ABUS	Max. voltage 800 V(±10%)
Power	DC power input	24V / 0.8A DC, 12V / 2A DC
	Consumption	Typical 8 W; MAX. 15 W
	DC power output	12 V / 100mA
Human Machine Interface(HMI)	Indicator	3×LED; RUN, SERV, ALM
	Commissioning	Embedded Web
	USB	1×USB 2.0
Environmental Parameters	Operating temperature	-30°C ~ 60°C
	Storage temperature	-40°C ~ 70°C
	Relative humidity	5% ~ 95%, non-condensing
	Altitude	Max. 5000 m
Mechanical Parameters	Dimensions (W / H / D)	242 / 142 / 51.5 mm(without installation accessories)
	Weight	1.4 kg
	Ingress protection	IP20
	Mounting	Wall mounted, rail mounted, desktop mounted

* Each 485 interface can connect up to 30 inverters or 1 environmental monitoring instrument or 1 electricity meter.

* For reference only. Please refer to the official release for final content.