

SmartACU2000B



With PID



Without PID

SmartACU2000B (Smart Array Controller) is a powerful integration of PV array communication and other smart functions. What's more, it supports 1000V/1100V/1500V DC system perfectly.

Smart

- SmartLogger2000 built-in
- SmartPID2000 module built-in (optional)
- Multiple communication interfaces including PLC, RS485, Fast Ethernet, and SFP ports, flexible applications

Simple

- Integrated communication unit with multiple functions built-in
- Easy installation with SmartLogger2000 & SmartPID2000 module pre-assembled inside the cabinet

Reliable

- Industrial application and high reliability

Specifications	SmartACU2000B-D-PLC	SmartACU2000B-D-2PLC	SmartACU2000B-D-PID/PLC	SmartACU2000B-D-2PID/2PLC
Configuration				
SmartLogger	SmartLogger2000			
RS485	Yes			
Number of PLC Module	1	2	1	2
Number of SmartPID2000 Module	0	0	1	2
Environment				
Operating Temperature Range	-40°C ~ 60°C (-40°F ~ 140°F)			
Relative Humidity	4% ~ 100%			
Max. Operating Altitude	4,000 m (13,123 ft.)			
Electrical				
Input AC Voltage for Cabinet	100 V ~ 240 V, L / N (L) + PE			
Input AC Voltage for PID	380 V ~ 800 V, 3Ph + FE (Functional Earth)			
Input AC Voltage for PLC	380 V ~ 800 V, 3Ph			
Input AC Frequency	50 Hz / 60 Hz			
Mechanical				
Cable Entries	Bottom in & out			
Maintenance	Front			
Dimensions (W x H x D)	640 x 770 x 315 mm (25.2 x 30.3 x 12.4 inch)		880 x 770 x 369 mm (34.6 x 30.3 x 14.5 inch)	
Weight	29 kg (63.9 lb.)	32 kg (70.5 lb.)	49 kg (108.0 lb.)	61 kg (134.5 lb.)
Protection Degree	IP65; Type 3R (with Anti-PID) / TYPE 4X (without Anti-PID)			
Installation Options	Wall Mounting, Rack Mounting, Pole Mounting			

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