

# Sacu solar energy storage cabinet system



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### Working Principles

All SACU models support the 4G LTE communication mode. The cabinet reserves positions for installing the PoE module and PoE SPD. The SmartLogger connects to the plant monitoring system by 4G LTE through ...

### Product Introduction

The SACU is an outdoor cabinet that houses devices such as the SmartLogger3000 (also referred to as the SmartLogger) and opto-electronic Ethernet switches. The SmartLogger monitors and manages PV power ...

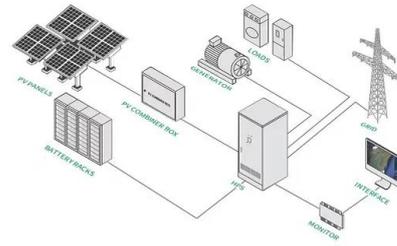


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### [Huawei SACU2000 Support Guide, Manuals & PDF - Huawei](#)

SACU2000: Access product manuals, HedEx documents, product images and visio stencils.



[User Manual \(With PID Modules\)](#)

This document describes the SmartACU2000D Smart Array Controller (SACU for short), which is an outdoor cabinet, in terms of its installation, electrical connections, commissioning, and maintenance.

**Huawei Technical Support**

This document provides installation, commissioning, and maintenance guidance for the SmartACU2000D Smart Array Controller for indoor and outdoor use.



[SmartACU2000D Smart Array Controller User Manual \(With PID\)](#)

The SACU is an outdoor cabinet that houses the SmartLogger3000 (SmartLogger for short), SmartModule1000 (SmartModule for short), PID module, SmartMBUS CCO module,

**12.8V6Ah**

Nominal voltage (V):12.8  
 Nominal capacity (ah):6  
 Rated energy (Wh):76.8  
 Maximum charging voltage (V):14.6  
 Maximum charging current (a):6  
 Floating charge voltage (V):13.6-13.8  
 Maximum continuous discharge current (a):10  
 Maximum peak discharge current @10 seconds (a):20  
 Maximum load power (W):100  
 Discharge cut-off voltage (V):10.8  
 Charging temperature (°C):0-+50  
 Discharge temperature (°C):-20-+60  
 Working humidity: <95% R.H (non condensing)  
 Number of cycles (25 °C, 0.5c, 100%doD): >2000  
 Cell combination mode: 32700-4s1p  
 Terminal specification: T2 (6.3mm)  
 Protection grade: IP65  
 Overall dimension (mm):90\*70\*107mm  
 Reference weight (kg):0.7  
 Certification: un38.3/msds

[SmartACU2000D Smart Array Controller User Manual \(Dual Opto ...](#)

This document describes the installation, electrical connections, and maintenance of the outdoor cabinet SmartACU2000D Smart Array Controller (also referred to as SACU).



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