Huawei SmartGuard-63A-S0

The Huawei SmartGuard-63A-S0 is a single-phase automatic transfer switch for whole-home backup. Enables seamless grid-to-backup switchover when paired with SUN2000-L1/LB0 inverters and LUNA2000 batteries.

Models Covered: SmartGuard-63A-S0

Manufacturer: Huawei Digital Power Technologies Co., Ltd.

Application: Ideal for United Arab Emirates's climate with wide operating temperature range and dust-resistant design.

ACCESSORY | SMARTGUARD BACKUP BOX | SINGLE-PHASE BACKUP | 63A RATED CURRENT | AUTOMATIC SWITCHOVER | MANUAL BYPASS FUNCTION | IP55 PROTECTION

Technical Specifications

Parameter	SmartGuard-63A-S0
Electrical	
Phases	Single-Phase
Max Current - Grid [A]	63
Max Current - Backup Loads [A]	63
General Data	
Protection Degree	IP55

Note: Specifications are based on the official Huawei datasheet. Values may be subject to change; always verify against the latest manufacturer documentation.

Key Features

- Single-Phase Backup
- 63A Rated Current
- Automatic Switchover
- Manual Bypass Function
- IP55 Protection
- Compatible with L1/LB0 Inverters

Applications & Use Cases

Typical Applications

- Residential solar systems
- Commercial installations
- Industrial solar plants
- Utility-scale projects
- Smart grid integration

Frequently Asked Questions

▼ What is the warranty coverage for the Huawei SmartGuard-63A-S0?

The Huawei SmartGuard-63A-S0 comes with a 10-year product warranty and a 30-year linear power output warranty, ensuring long-term performance and peace of mind.

▶ What certifications does the Huawei SmartGuard-63A-S0 have?

▶ What are the installation requirements for the Huawei SmartGuard-63A-S0?

▶ How does the Huawei SmartGuard-63A-S0 perform in hot climates?

▶ What are the key features of the Huawei SmartGuard-63A-S0?

Availability & grid compliance in UAE

Market	UAE
Grid authority / regulator	DEWA, ADDC, SEWA
Quotation currency	AED
Support hours timezone	Asia/Dubai
Delivery & installation coverage	Dubai, Abu Dhabi, Sharjah, Ajman, Ras Al Khaimah

Figures on this page are the manufacturer's own, measured at the test conditions the datasheet states — they do not change by country. What changes is the approval that has to be met before the unit is energised: in UAE that is DEWA, ADDC, SEWA. Confirm the grid code, import requirements and any local certification with them, or with us, before you order.

Official Source & Documentation

This technical datasheet is derived from official manufacturer documentation provided by **Huawei Digital Power Technologies Co., Ltd.**.

- **Manufacturer Website:** https://solar.huawei.com
- **Technical Support:** sales@huawei-solar.org
- **Sales Inquiries:** sales@huawei-solar.org
- **Data Source:** Official Datasheet - Huawei Digital Power Technologies Co., Ltd.

Disclaimer: *All specifications are based on the official datasheet. Specifications are subject to change without notice. Please verify with the manufacturer for the most current information.*

Last Updated: March 2026 | **Document Version:** 1.0 | **Published by:** Huawei UAE (huawei-solar.org)