Huawei SmartGuard-63A-T0

The Huawei SmartGuard-63A-T0 is a three-phase automatic transfer switch for whole-home backup with up to 36kW capacity. Features integrated EMMA energy management, manual bypass, and IP55 protection. 10-year warranty.

Models Covered: SmartGuard-63A-T0

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 | THREE-PHASE BACKUP (36KW) | INTEGRATED EMMA ENERGY MANAGEMENT | 63A RATED CURRENT | MANUAL BYPASS FUNCTION | IP55 PROTECTION

Technical Specifications

Parameter	SmartGuard-63A-T0
Electrical	
Phases	Three-Phase
Max Current - Grid [A]	63
Max Current - Inverter [A]	60
Max Current - Backup Loads [A]	63
Max Current - Non-Backup Loads [A]	63
Max Backup Capacity [kW]	36
General Data	
Dimensions (W×H×D) [mm]	490 × 600 × 170
Weight [kg]	17
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

Three-Phase Backup (36kW)	Integrated EMMA Energy Management	63A Rated Current
Manual Bypass Function	IP55 Protection	10-Year Warranty

Applications & Use Cases

Typical Applications

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

Frequently Asked Questions

▼ What is EMMA?

EMMA (Energy Management Module Architecture) is Huawei's integrated energy management system built into the SmartGuard-63A-T0. It provides measurement data acquisition and intelligent energy management for optimal backup power distribution.

▶ What is the warranty coverage for the Huawei SmartGuard-63A-T0?

▶ What certifications does the Huawei SmartGuard-63A-T0 have?

▶ What are the installation requirements for the Huawei SmartGuard-63A-T0?

▶ How does the Huawei SmartGuard-63A-T0 perform in hot climates?

▶ What are the dimensions and weight of the Huawei SmartGuard-63A-T0?

▶ What are the key features of the Huawei SmartGuard-63A-T0?

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.*

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