



SINGLE-ZONE FENCE ENERGIZER

BS201

Product Specifications

THE STINGER BS201 SINGLE-ZONE FENCE ENERGIZER



1. Overview

The BS201 Single-zone electric fence energizer is a single-zone system and has been developed for the residential and small industrial applications. The BS201 system is a South African product which adheres to the highest international standards and is distributed to many countries worldwide.

The BS201 system can be used as a stand-alone unit or in a networked solution, using multiple BS201 units. Communication between the energizers is possible via copper, fibre, RF, ethernet and the Stinger 2-wire communication system.

2. Key Features

The BS201 boast the following features

- Modular design for ease of maintenance and installation
- Energizer feeds the live wire from both ends, and it is therefore impossible to bypass monitor by short circuiting the live and return wires.
- 8 Hour battery back-up in case of power failure.
- Siren and strobe outputs
- RS485 communication capability
- Optional external LCD display/control unit

- Event storage facility for up to 100 events (FIFO)
- Password protection for user and installer
- Unique 'Bridging Alarm' capability.
- External Synchronizing capability.
- Multiple energizers can be used on one fence section (Layered operation).
- The system is fully controllable via the Stinger management software package.
- Optional integrated SMS functionality for the display / control unit.
- The patented fence current monitor ensures stable and reliable zoning information and is not dependant on resistance measurement.

3. SPECIFICATIONS

HV OUTPUT

Nr of HT Outputs	2
Energy/Current limited	Energy
High/Low HT Setting	No
Open circuit HT Voltage	8500
Output Energy in 500 Ohm	5J
Output voltage at 500 Ohm Load	6800
Output voltage at 250 Ohm Load	6000

CONTROL AND DISPLAY

Remote Control Unit	Optional
Display Type	LED
RS485 Port	Yes

Monitor System

Monitored Zones	1
Monitored Earth Loop Zones	0
External Pulse Trigger Capacity	No
HT Pulse Safety Watchdog	Yes
SMS Facility	Optional
Bridging Alarm	Yes

Input / Output

Gate Input	No
Siren Output	Yes – 3 minutes or until reset
Strobe Light Output	Yes
Alarm Signal Output	Yes (relay c/no/nc)
RS485 Port	Yes

Power Supply System

Mains Supply Voltage	100-260V AC
Consumption	12 Watt
Backup Battery	7 A/H
Standby Time – Battery	8 Hours
Full Battery Management	Yes

Compliance

IEC 60335-2-76	Yes
CISPR 14, EN 61000	Yes