

RS2000

# EVO

Excellence  
Versatility  
Operability



ref. 100.0153.00

## RS2000 EVO Remote Terminal Unit

Innovative generation offers functionalities for the different scenarios of utility's actions.

The cabinet format makes it easy for field teams to operate, allowing the supply and battery to be replaced without the need for equipment replacement.

The original CAS sources are **digitally signed** to offer greater warranty.

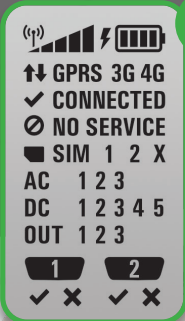
### Compliant with 4 types of sources:

- Single-phase
- Three-phase
- DC source
- External supply\*

Easily replaceable by the utility.

### New LCD Crystal

All information the field team needs.



### Safety Seal

against tampering, protecting the battery and SIM Cards.

Fastening compliant with the market's installation **standards**.

### Greater processing and storage capacity.

**3x** more Flash memory.  
**10x** more RAM memory.

*Compared to Lite DS 3G*

\* Optional connector for external supply.

Calibrates the **Adjustable Optical Cable**

### 3G technology

Internal and external antenna.

### Battery slot

with easy access for replacement.

### Firmware Update

Location: **USB** connection.  
Remote: through **Hemera Iris**.

### Dual SIM cards

### 2 Serial Ports

Simultaneous communication.

Configuration possibility:

**e-Power** and **Bridge**\*\*

\*\* 2 Meters, even if they are of different models, or a Device that requires 2 Serial Ports for communication, such as Reconnection Switches (DNP3.0 port and Config port).

## Technical specification

Transmission technology	UMTS / HSPA+ 800 / 850 / 900 / 1900 / 2100MHz GSM / GPRS / EDGE 850 / 900 / 1800 / 1900MHz Dual SIM CARD
Communication ports	Port 1 – RS232 – programmable speed from 300 to 115200bps Port 2 – RS232 – programmable speed from 300 to 115200bps USB – Local settings and local firmware download
Input/output ports	3 digital inputs with AC optical coupling 3 digital inputs with DC optical coupling 3 open collector outputs
Connector A	DB9 male
Connector B	DB9 male
Connector C	Mini USB
Connector D	Mini Fit 18 ways
Connector E	SMA – RF antenna
Connector F	5-way terminal block – Phase and power supply sensors
Average consumption	2W
Supply	Single phase 65~285VAC (F+N+Earth) Three-phase 90~300VAC (3F+N+Earth) DC-DC 07~40VDC External supply (different power supplies)
Operating temperature	-20~85°C
Dimensions	103 x 166 x 38mm (WxHxD)
Weight	390g
IP Code	IP54W

## Technical design

