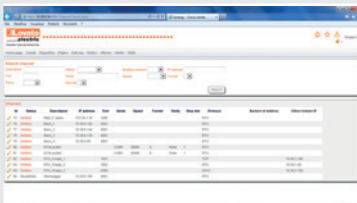




Canvas carrying bag



A portable high-performance recorder designed for energy audits. The compact design and ease of operation is ideal for analysis of networks with power quality supply. Most portable recorders follow highly complex parameter configuration and start-up processes the CIRe+ has been designed to simplifying the setup and execution of measurements and, as a consequence, the analysis of energy and audit studies.

- Measures main and three-phase electrical networks in 2 quadrants
- Measure (TRMS) true root mean square
- Energy meter (4 quadrants)
- 4 voltage and 3 current circuits
- Configurable via a PC application - Compatible with PowerVision software EN 50160
- Recording of parameters and quality events on SD card (up to 2 GB)
- Compact size, allowing the unit to be installed in standard double insulation boxes
- Light and easy to transport
- Self-detection of current clamps
- Magnetic attachment to facilitate fastening to an electric panel or metal supports
- 128 samples per gate (used to calculate data over selected recording period)

CIRe+ 3 phase economy portable network analyser

type	description
Voltage :	100 - 400 VAC, 70 - 315 VAC
Operating temperature:	10°C - 65°C
Standard:	IEC 60664-1, IEC61010-1, IEC62053-21, UL94, VDE 110
Accuracy :	Voltage : 0.5%
M85050	Analyzer supplied complete with: <ul style="list-style-type: none"> - CP E-Flex 20/54 cm current transformers 200/2000/20000 Amp - Voltage leads - SD memory card and USB/SD card reader (1GB) - PC software - Canvas carrying bag



Synergy is a remote control and supervision software for LOVATO Electric devices equipped with communication capabilities via serial ports, Ethernet or modem in a simple and reliable way. The supported protocols are Modbus-RTU, Modbus-ASCII and Modbus-TCP. Its structure and applications are based on MS SQL Express that uses a MS IIS Express web server to control the user interface.

The software is capable of:

- Managing multiple communication channels simultaneously
- Connecting the devices to the various channels
- Collecting data from all the devices and storing them in a database
- Displaying collected data in graphical pages and tables
- Allowing access to the devices and their data according to the rights of the different users

type	description
SYN1SET	supervision and energy management software (parameterising, measurement, monitoring, control, web server, e-mail and FTP file transfer) + enablement of monitoring on 1 LOVATO Electric device.
SYN1S005	enable licence of supervision function for 5 additional devices.
SYN1S020	enable licence of supervision function for 20 additional devices
SYN1S050	enable licence of supervision function for 50 additional devices
SYN1S100	enable licence of supervision function for 100 additional devices

Note: For the number of licences, only devices equipped with communication ports can be considered.