



U-Charge® XP

Diagnostics Toolkit

The module Diagnostics ToolKit enables a battery module to communicate directly with a PC. It includes an RS485 to USB converter allowing data transfer.

Overview

U-Charge® XP is a range of 12, 18 & 36 volt Lithium Iron Magnesium Phosphate battery modules. They offer intrinsic safety with twice the run-time and less than half the weight of similar sized lead-acid battery modules.

Lithium Iron Magnesium Phosphate technology also offers outstanding float and cycle life resulting in excellent cost of ownership returns.

Thousands of U-Charge systems have been deployed since 2006 across numerous motive, marine, industrial, and stationary energy storage applications.

Further information:

Additional functionality is available using the U-Charge® battery management system (BMS) with a CANbus communications port for communicating to a host controller, e.g. vehicle management unit.

Available for U-Charge® XP Systems.

Please refer to separate datasheet on U-BMS products or visit www.valence.com

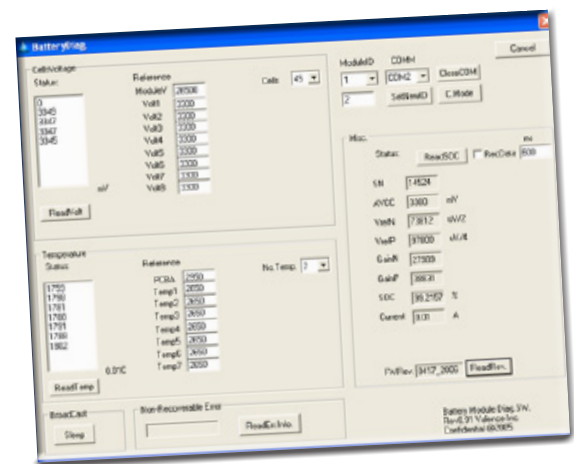


Features

- + Monitoring of cell block voltages
- + Monitoring of module temperatures
- + Monitoring of modules SOC and current
- + Programming of battery module EEPROM for upgrades in firmware
- + Setting of battery module system
- + Identification number XP battery module only
- + Placing module into and out of storage mode (RT battery module only)

Kit includes:

- + Monitoring & diagnostic software
- + USB-RS485 converter
- + Micro-C to DB9 cable
- + Quick start setup guide



Part No. 1004229

Corporate Headquarters North America Sales

12303 Technology Blvd.
Suite 950
Austin, Texas 78727
USA

Tel (888) VALENCE or +1 (512) 527-2900
Fax +1 (512) 527-2910
Email sales@valence.com

EMEA Sales

Unit 63 Mallusk Enterprise Park
Mallusk Co. Antrim
Northern Ireland
BT36 4GN

Tel +44(0) 28 9084 5400
Fax +44(0) 28 9083 8912
Email sales@valence.com

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