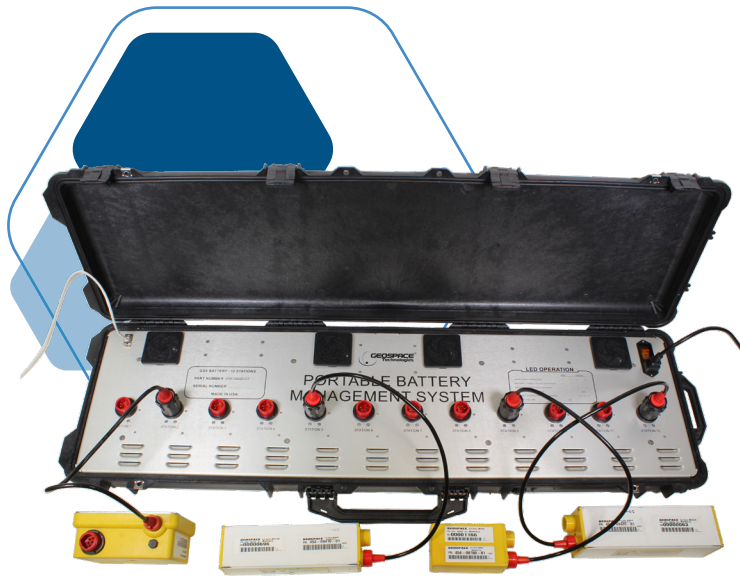


COMPATIBLE WITH ALL GEOSPACE BATTERY TYPES**EASY-TO-CARRY BATTERY TRACKING SYSTEM**

PRODUCT DESCRIPTION

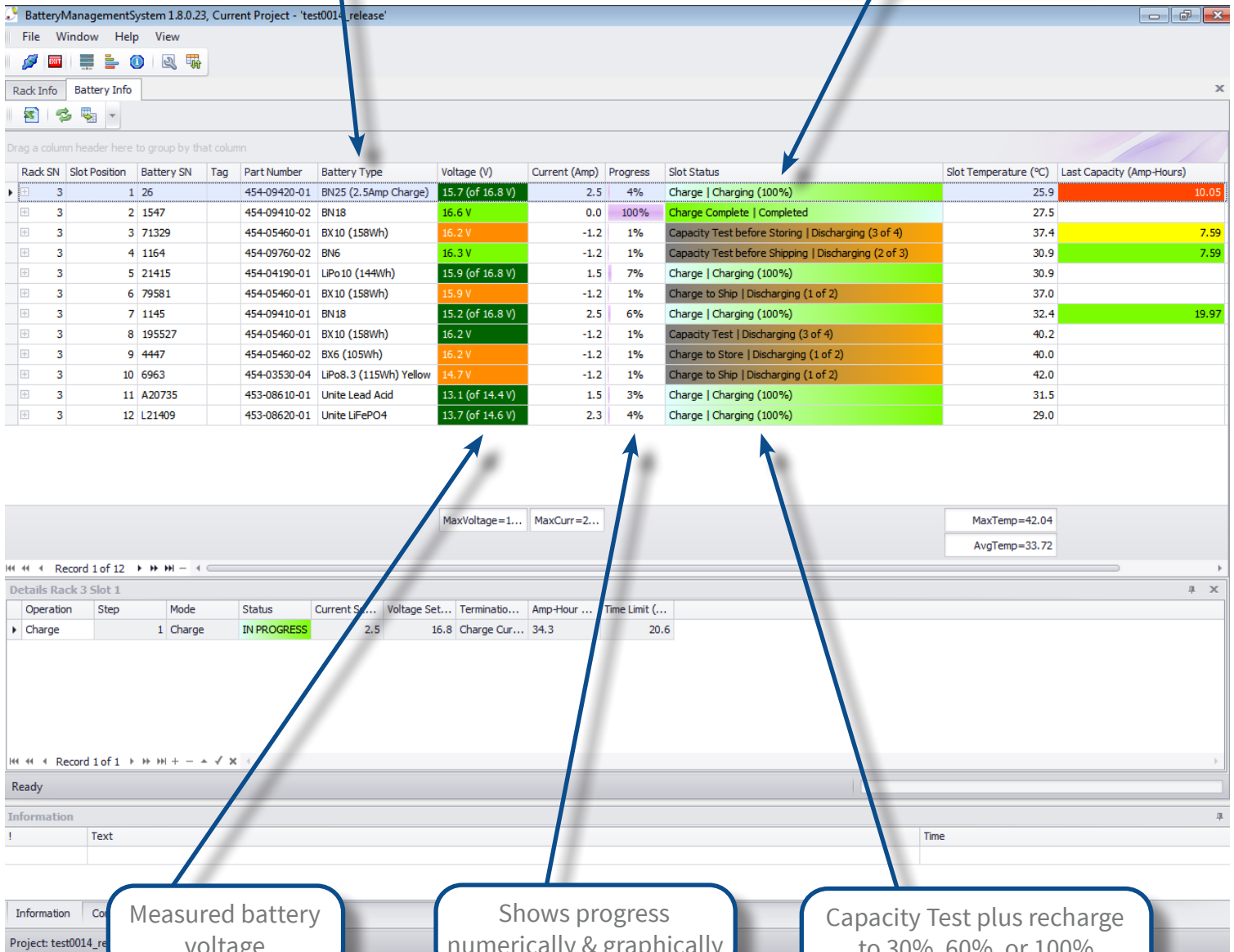
The Portable BMS (Battery Management System) is a portable battery charger and testing system for all models of GSR/GSX batteries. The system utilizes a serial number database to track battery usage data.

FEATURE HIGHLIGHTS

- Compatible with all Geospace battery types, and supported competitors' battery types
- Shows charging progress both numerically and graphically
- Portable rolling case
- Tracks individual battery units' health & status by serial number
- Keeps a database of battery history
- Performs battery capacity tests

Recognizes all Geospace battery types, plus supported competitors' battery types

Charge to 30% for shipping, 60% for storage, or 100% for deployment



The screenshot displays the BatteryManagementSystem 1.8.0.23 interface. The main window shows a table of battery status for 12 slots. The table includes columns for Rack SN, Slot Position, Battery SN, Tag, Part Number, Battery Type, Voltage (V), Current (Amp), Progress, Slot Status, Slot Temperature (°C), and Last Capacity (Amp-Hours). The table is filtered to show only batteries with a progress of 1% or higher. The detailed view at the bottom shows the status of a specific battery (Record 1 of 12) with a progress bar and a table of operations.

Rack SN	Slot Position	Battery SN	Tag	Part Number	Battery Type	Voltage (V)	Current (Amp)	Progress	Slot Status	Slot Temperature (°C)	Last Capacity (Amp-Hours)
3	1	26		454-09420-01	BN25 (2.5Amp Charge)	15.7 (of 16.8 V)	2.5	4%	Charge Charging (100%)	25.9	10.05
3	2	1547		454-09410-02	BN18	16.6 V	0.0	100%	Charge Complete Completed	27.5	
3	3	71329		454-05460-01	BX10 (158Wh)	16.2 V	-1.2	1%	Capacity Test before Storing Discharging (3 of 4)	37.4	7.59
3	4	1164		454-09760-02	BN6	16.3 V	-1.2	1%	Capacity Test before Shipping Discharging (2 of 3)	30.9	7.59
3	5	21415		454-04190-01	LiPo10 (144Wh)	15.9 (of 16.8 V)	1.5	7%	Charge Charging (100%)	30.9	
3	6	79581		454-05460-01	BX10 (158Wh)	15.9 V	-1.2	1%	Charge to Ship Discharging (1 of 2)	37.0	
3	7	1145		454-09410-01	BN18	15.2 (of 16.8 V)	2.5	6%	Charge Charging (100%)	32.4	19.97
3	8	195527		454-05460-01	BX10 (158Wh)	16.2 V	-1.2	1%	Capacity Test Discharging (3 of 4)	40.2	
3	9	4447		454-05460-02	BX6 (105Wh)	16.2 V	-1.2	1%	Charge to Store Discharging (1 of 2)	40.0	
3	10	6963		454-03530-04	LiPo8.3 (115Wh) Yellow	14.7 V	-1.2	1%	Charge to Ship Discharging (1 of 2)	42.0	
3	11	A20735		453-08610-01	Unite Lead Acid	13.1 (of 14.4 V)	1.5	3%	Charge Charging (100%)	31.5	
3	12	L21409		453-08620-01	Unite LiFePO4	13.7 (of 14.6 V)	2.3	4%	Charge Charging (100%)	29.0	

MaxVoltage=1... MaxCurr=2... MaxTemp=42.04 AvgTemp=33.72

Record 1 of 12

Details Rack 3 Slot 1

Operation	Step	Mode	Status	Current Set...	Voltage Set...	Termination...	Amp-Hour...	Time Limit (...)
Charge	1	Charge	IN PROGRESS	2.5	16.8	Charge Cur...	34.3	20.6

Record 1 of 1

Ready

Information

! Text Time

Information Co

Project: test0014_re

Measured battery voltage

Shows progress numerically & graphically

Capacity Test plus recharge to 30%, 60%, or 100%

SOLUTIONS FOR A SMARTER FUTURE

Specifications subject to change at sole discretion of Geospace Technologies.