

PORTABLE BATTERY MANAGEMENT SYSTEM



Shown with Li-Po, BN18, BN6, and BN25 Batteries

- 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 test

PORTABLE BATTERY MANAGEMENT SYSTEM

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

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

The screenshot shows the 'BatteryManagementSystem 1.8.0.23' interface. The main table displays the following data:

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	

The 'Details Rack 3 Slot 1' window shows the following information:

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

Measured battery voltage

Shows progress numerically & graphically

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



7007 Pinemont Drive • Houston, Texas 77040 USA
www.geospace.com
 Tel: 713-986-4444 • Fax: 713-986-4445



Geospace Technologies, Canada
 2735 - 37th Avenue N.E.
 Calgary, Alberta,
 T1Y 5R8 Canada
 403 250-9600

Geospace Technologies, China
 Room 700, 7th Floor
 Lido Office Tower, Lido Place
 Jichang Road, Jiang Tai Road
 Beijing, 100004, P.R.China
 011 (86) 10 6437 8768

Geospace Technologies
 Sucursal Sudamericana
 Carrera 127-22 G 28 Int. 30
 Agrupación Industrial La Esperanza
 Bogotá, Colombia
 011-57-1-742-7414

Geospace Technologies, Eurasia
 Kirovogradskaya, 36
 Ufa, Baskortostan
 Russia 450001
 011 (7) 3472 25 39 73

Geospace UK
 F3 Bramingham Business Park,
 Enterprise Way, Luton
 Bedfordshire LU3 4BU, England
 011 44 (0) 7775 688 467