

FSIP Electronics
exclusive

DisChargePlus

battery discharger is designed to measure the remaining capacity, or useful energy for which a 36- or 48-volt lead-acid or lithium-ion battery sets. The discharge rate, time, and shut-off voltage are programmable.

Features

- Programmable discharge rates of 25 A, 56 A or 75 A
- Programmable shut-off time
- Programmable shut-off voltage (capable of testing lithium-ion batteries)
- Stores previous 14 discharge cycles
- Easy-to-read LCD display
- 8-foot DC cable with cord wrap brackets
- Large 200-amp clamps for battery connections
- Auto-senses battery voltage to determine appropriate discharge rate
- Automatically stops discharge cycle based on minimum voltage reached or time elapsed
- 18-month warranty

Benefits

- Economical solution for 36/48-volt battery testing
- Easily determine battery capacity
- Determine weak batteries in the pack
- No AC power required



The **Battery Monitoring System (BMS)** is designed to provide accurate data on the health of individual battery cells. Data from up to 100 cells is simultaneously collected by the sensors and transferred to a wireless receiver. The wireless receiver communicates the data to a PC. It is easy to determine which cell needs replaced with the proprietary software. Use the **BMS** in conjunction with the **DisChargePlus** to improve the health of your battery.



Features/Benefits

- Available in 2 V, 6 V and 8-12 V
- Suitable for various industries
- Complete battery evaluation
- Printable results for record keeping
- Software and updates included

BMS Sensors	2 V	6 V	8-12 V
M1001 Kit	---	8	6
M1007 Kit	24*	---	---

*Additional sensors available for purchase

Individual Cell Capacity Monitoring

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Sum	Avg
00:00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	39.60	2.20
00:03	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	39.60	2.20
00:06	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	39.42	2.19
00:09	2.18	2.18	2.18	2.18	2.18	2.18	2.19	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	39.25	2.18
00:12	2.18	2.18	2.18	2.18	2.18	2.18	2.14	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	39.20	2.18
00:15	2.17	2.17	2.17	2.17	2.17	2.17	2.14	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	39.03	2.17
00:18	2.17	2.17	2.17	2.17	2.17	2.17	2.14	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	39.03	2.17
00:21	2.16	2.16	2.16	2.16	2.16	2.16	2.14	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	38.86	2.16
00:24	2.16	2.16	2.16	2.16	2.16	2.16	2.14	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	38.86	2.16
00:27	2.15	2.15	2.15	2.15	2.15	2.15	2	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	38.55	2.14
00:30	2.15	2.15	2.15	2.15	2.15	2.15	2	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	38.55	2.14
00:33	2.14	2.14	2.14	2.14	2.14	2.14	2	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	38.38	2.13
00:36	2.14	2.14	2.14	2.14	2.14	2.14	1.89	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	38.27	2.13
00:39	2.13	2.13	2.13	2.13	2.13	2.13	1.85	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	38.06	2.11
00:42	2.13	2.13	2.13	2.13	2.13	2.13	1.75	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	37.96	2.11
00:45	2.12	2.12	2.12	2.12	2.12	2.12	1.6	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	37.64	2.09
00:48	2.12	2.12	2.12	2.12	2.12	2.12	1.6	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	37.64	2.09
00:51	2.11	2.11	2.11	2.11	2.11	2.11	1.6	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	37.47	2.08
00:54	2.11	2.11	2.11	2.11	2.11	2.11	1.6	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	37.47	2.08
00:57	2.1	2.1	2.1	2.1	2.1	2.1	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	37.30	2.07
00:60	2.1	2.1	2.1	2.1	2.1	2.1	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	37.30	2.07

Model	Output Voltage	Load Capacity
DisChargePlus		Dim.: 15.5" x 6.25" x 14" Wt.: 16.7 lbs.
94-DCP3648	36-48 V	25 A, 56 A, 75 A