



EVERON
POWERLAB

WORSHIP THE SUN GOD

BATTERY INTELLIGENCE

Computer Aided Testing Of
Lithium Battery Packs



MAKE IN INDIA

THE NEW ENERGY ORDER

- Energy Storage and High Energy Density Lithium Batteries have changed the entire Energy Eco-system.
- Automotive applications demand Proven Quality High Reliability energy ecosystem.
- Battery quality assessment is need of the hour.
- Manual Battery testing is passé. Computer Aided Quality Assessment is in.
- Quality assessment needed at Primary end (Cell Testing) and Secondary end (Battery Pack Testing).



WE MAKE IT INDIA

- ❖ Everon is a leading Technology Company in Energy Sector for the past 40 years.
- Precision Battery Chargers
- Precision Battery Life Cycle Testers
- Generate text and graphical reports.
- Precision Lithium Cell Testers/Life Cycle Testers
- Computer Aided Testing and Report Generation
- Truly Indian, 3 year support & warranty.
- 36 Months Hardware warranty.



HOME GROWN KNOWLEDGE



Everon Battery Test Lab - DEBUG Version - Testing Only

Communication

Charger
Serial Port: COM7
Connected: COM7,115200

Discharger
Serial Port: COM2
Connected: COM2,115200

Disconnect/Refresh | Connect

Start Date Time : 23-Dec-2020 2:41:37 PM | Ref No. : 23cd2

Charger Settings

Battery Multiplier	1	Get Values
Max Charge Current	12.0	Amp Set
Boost Voltage	14.0	Volt Set
Absorb Voltage	13.9	Volt Set
Float Voltage	13.8	Volt Set

Discharger Settings

Discharge Mode	CC Mode	Get Values
Discharge Current	12.00	Amp Set
Discharge Time	4:00	Hrs Set
Cut Off Voltage	10.00	Volt Set

Offset Current

Operation: Manual Auto | CHARGING | Cycles: 2 | Cooling Time: 10 Seconds | Start | Stop

Charger Measurements

Battery Voltage	13.83
Charger Current	2.70
Mains Voltage	238.5
Ah Added	16.098
Charger Mode	ABSORB
Battery Temperature	0.0
Charger Status	ON
Charger Running Time	03:32:19
Room Temperature	27.3

Start | Stop

Discharger Measurements

Battery Voltage	3.24
Discharger Current	0.00
Ah Received	0.00
Discharger Mode	CC Mode
Battery Temperature	23.5
Discharger Status	STOPPED
Discharger Running Time	00:00:00
Room Temperature	22.9

Start | Pause | Stop

Comm Status: **Charger Response Received 6:16:54 PM** | **Discharger Response Received 2:41:35 PM**

Data File: C:\Users\mdpc1\Desktop\23-Dec-2020 23cd2.txt | Select | Show Test Report

LOCAL AT GLOBAL

- The Technical requirements for Battery Quality assessment are Global.
- Inspired by our competitors beyond our National Borders, we met the challenge.
- Our Battery Test Set is 100% Local and ready to be used by any user across the Globe.
- Almost every control parameter, needed by a quality manager is provided.
- 36 Months warranty on our hardware and software.



WE KNOW NO BOUNDARIES

- Soon to come is a multi-cell Battery Cell Test Machine.* *DELIVERING JUNE'2021
- Connect up to 128 cells, duly networked with a computer.
- Test them in any order your like, charge/discharge at any time or any time interval.
- Get the respective test report / reports with or without analysis.
- Measurement accuracy of +/- 0.1%
- Cell only or Pack only machines with Energy Harvesting as a standard.



BUDGET YOUR EXPANSION

- Start with an expandable basic machine.
- Add Power modules as and when you need.
- Energy Harvested from Discharge Energy.
- Harvesting and Recovering Discharge Energy is Standard.
- Payback Time of your investment is one year



APPLICATIONS

- Manufacturing of cells
- Manufacturing of Battery Packs
- Automotive Manufacturing
- Automotive Service Stations
- Research Labs
- Test Labs
- Engineering Colleges





JAI HIND

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