



ASTRA

SMART BATTERY

Technical Brochure



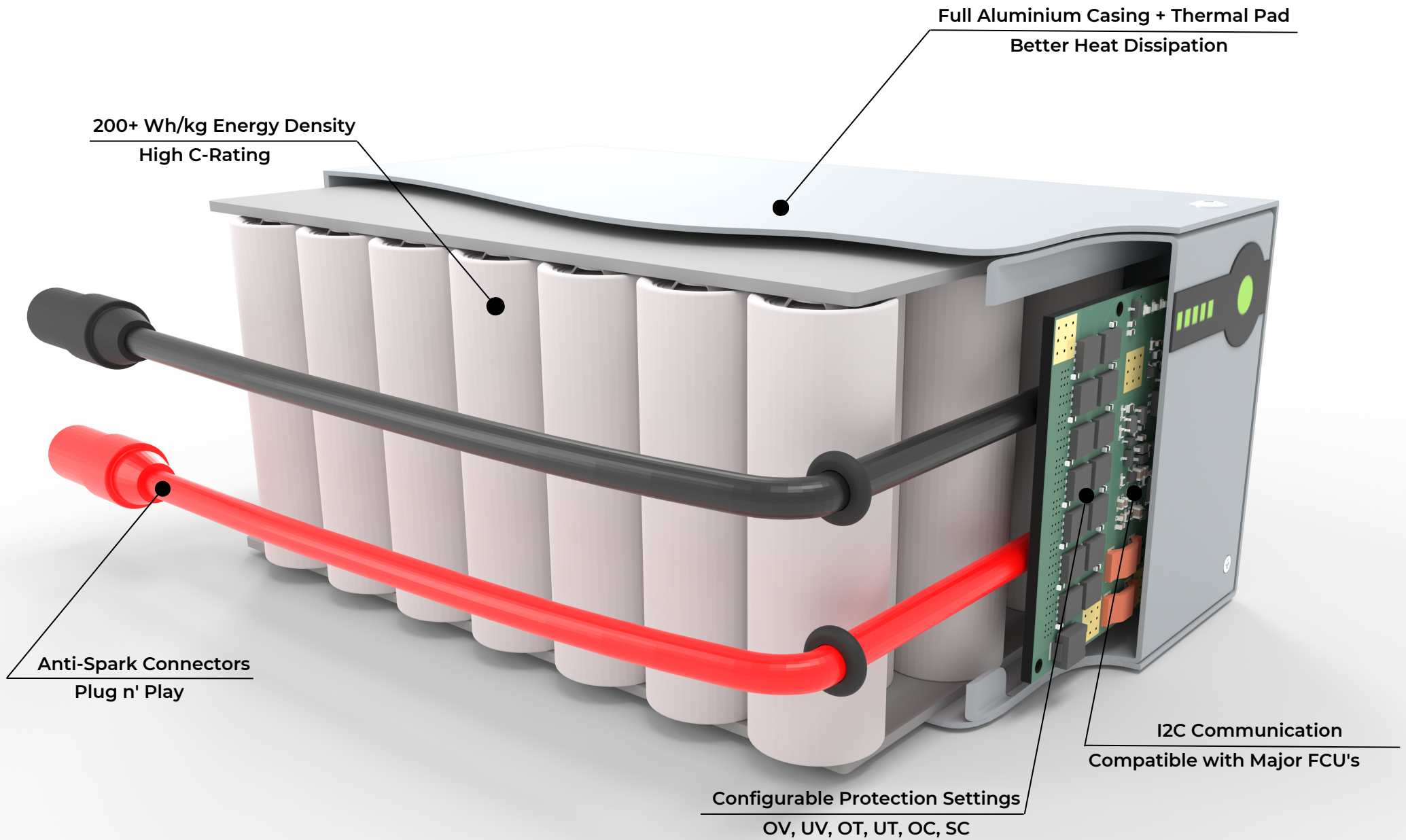
ABOUT US

Hastin Energy, incorporated in December 2020, endeavors to provide full stack solutions in the advanced lithium ion battery systems market, supported by in-house infrastructure that aids design, development, testing, and manufacturing of batteries.

Our battery solutions cater to Drones/UAV/AGV, e-Commercial Vehicles and Energy Storage Systems. We envision providing end-to-end battery solutions, starting with our in house developed BMS, software communication tools, and batteries.



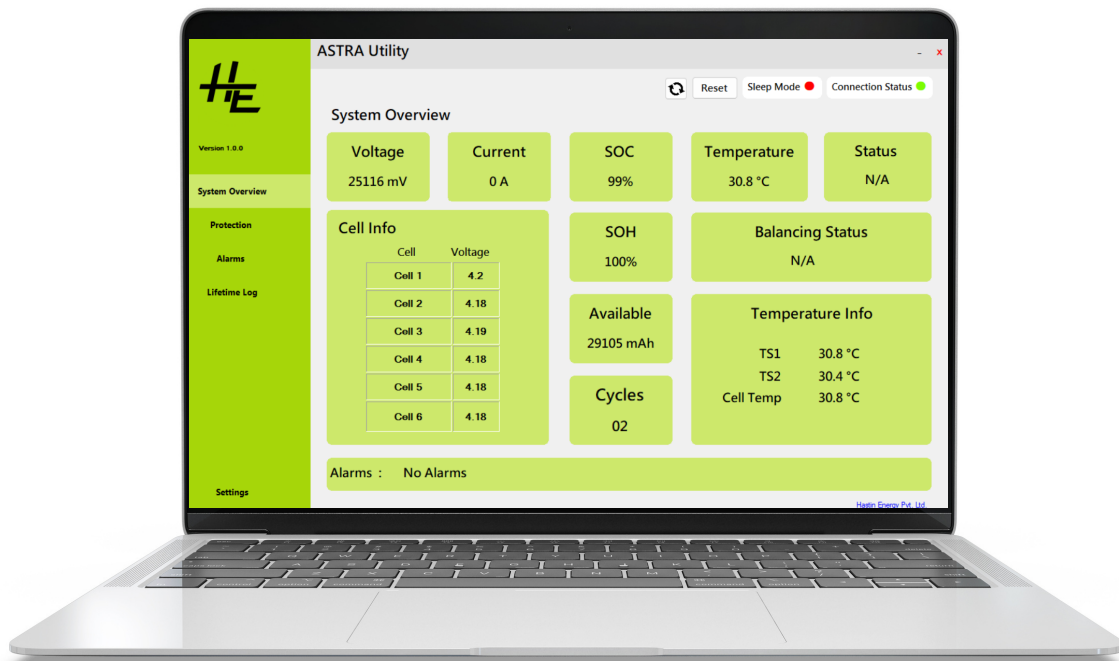
Key Features



[illegible]



ASTRA UTILITY



Key Features

- FET Force Control
- Protection Configuration
- Voltage, Current & Temperature Calibration
- Diagnostic Popups
- Alarm Indicator
- Lifetime Event Log Viewer
- Force Shutdown
- Enable/Disable Protections

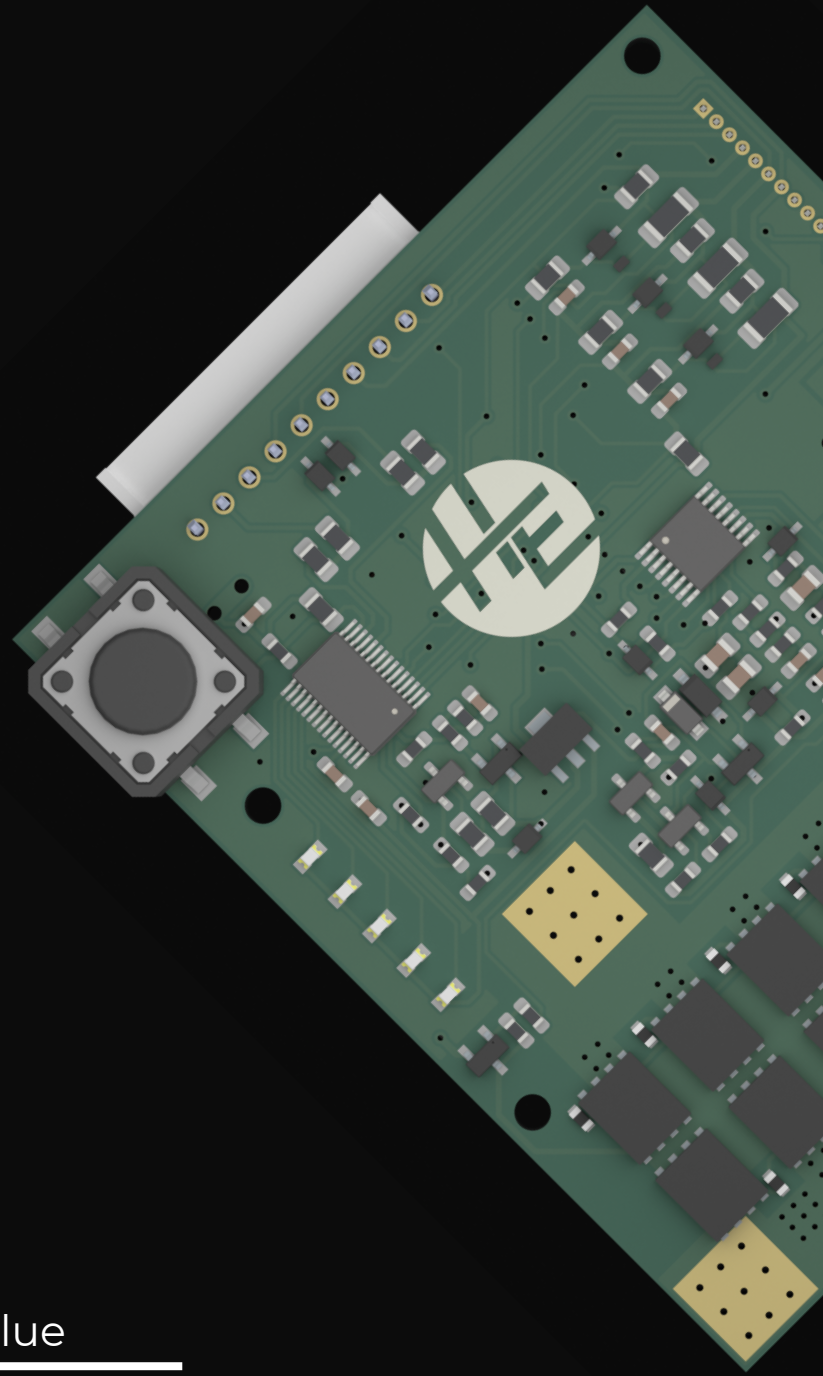
BMS

Key Features

- Passive Balancing
- Fast Switching Cutoffs
- Sleep/Shutdown Mode
- Built-in Wake Up Option
- Lifetime Event Logs
- Permanent Failure Mode
- SOC Indicator
- High Side Protection

Specifications

Parameter	Value
Current Rating	240 A
Balancing Current	100 mA
Wakeup Voltage	25.2 V
Sleep Current	10mA
Operating Temperature	-20° - 80°C
Protections	OV, UV, OT, UT, OC, SC





HASTIN

E N E R G Y

SOLUTIONS POWERING SUSTAINABILITY



080 - 2343 1855



info@hastinenergy.com



Peenya, Bangalore - 560058



www.hastinenergy.com

