cygni

FUTURE OF ENERGY STORAGE



ARAI CERTIFIED

AIS 156 PHASE 2

Cygni Energy is a Next-Generation Energy Storage Company and Defines the Future of Energy Storage Across Key Verticals.



ABOUT CYGNI

A new age energy storage company powering India's transition to electric mobility and renewable energy.

Cygni is IATF certified and partners with India's top OEMs and telecom companies for their energy storage needs.



e-Scooter batteries



e-3W batteries



Residential storage



USP and Solar Storage

Cygni Energy Private Limited

Survey No.306, Plot No.5, EMC Maheshwaram Industrial Area, Hyderabad-501359

Sales & Service Support Number - **1800 103 0314** | **info@cygni.com**

2W SOLUTIONS

Battery packs for High speed and Low speed vehicles



Complete Powering Solutions And Customizable As Per The Demand

SAVE NATURE & SAVE MONEY WITH CYGNI

LI-ION BATTERY FOR EV-2 WHEELER

Product range for two wheelers



48V 30Ah

Weight	12 Kg
Dimension(mm)	202X210X345
Max current	20A
Range	50 to 60km
Charging time	4 hours

60V 30Ah

Weight	13 Kg
Dimension(mm)	171X190X245
Max current	20A
Range	60 to 80 km
Charging time	4 hours





51.8V 40Ah

Weight	16 Kg
Dimension(mm)	210X160X270
Max current	30A
Range	80 to 100km
Charging time	5 hours

51.2V 45Ah

Weight	17 Kg
Dimension(mm)	210X160X350
Max current	30A
Range	100km+
Charging time	5.5 hours



Batteries that last longer

- Nominal Battery capacity: Up to 45Ah
- NMC, LFP and Sodium-ion packs
- Efficiency: >97%
- Smart BMS
- Bluetooth, CANbus, UART optional

2 YEAR BATTERY WARRANTY

1 YEAR CHARGER WARRANTY

3W SOLUTIONS

Long lasting, reliable, safe



Complete Powering Solutions And Customizable As Per The Demand

SAVE NATURE & SAVE MONEY WITH CYGNI

LI-ION BATTERY FOR EV-3 WHEELER

Product range for three wheelers



51.2V / 100Ah

Rated energy	5.1 kWh
Vehicle compatibility	E-rickshaw
Communications	CAN, Bluetooth
Dimension(mm)	580X380X280
Weight	45 kgs

51.2V / 105Ah

Rated energy	5.3 kWh
Vehicle compatibility	E-rickshaw
Communications	CAN, Bluetooth
Dimension(mm)	580X380X280
Weight	45 kgs





51.2V / 210Ah

Rated energy	10.8 kWh
Vehicle compatibility	L5
Communications	CAN, Bluetooth
Dimension(mm)	600X430X350
Weight	88 kgs

51.2V / 105Ah

Rated energy	14.3 kWh
Vehicle compatibility	L5
Communications	CAN, Bluetooth, IOT
Dimension(mm)	642X680X281
Weight	125 kgs



Batteries that last longer

- LFP batteries for L3 and L5 vehicles
- Battery capacity: 100 / 105 / 210 / 280Ah
- Efficiency: >97%

3 YEAR BATTERY WARRANTY

1 YEAR CHARGER WARRANTY

STATIONARY STORAGE SOLUTIONS

Renewable energy and IOT applications



Complete Powering Solutions And Customizable As Per The Demand

SAVE NATURE & SAVE MONEY WITH CYGNI

STORAGE SOLUTIONS FOR ESS

Product Range for ESS

5.12KWh/20.48KWh

- Scalable from 5kWh to 20 kWh
- Low voltage system
- Hybrid inverter based
- 3500+ cycles





5.12KWh/40.96KWh

- Rack type 5kWh battery module
- 48V and 51.2V options available
- Up to 8 hour back-up with parallel connection
- Smart BMS for inverter communication
- 5,000+ cycle life

51.2KWh/204.8KWh

- 1 to2 hours back-up
- Simple, low cost rack mounted design
- Hybrid inverter and UPS compatible...
- 5000+ cycle life
- Plug and play installation



Battery back up till 25kW load

- Storage solutions for residential and small commercial applications
- Local service for all components including inverters
- Superior round trip efficiency
- Can be integrated with existing
- Solar solutions
- Ultra long life cycle LFP cells

AWARDS

National & International recognition



EV STATE SUMMIT AWARDS 2022
Business Leadership – Manufacturing Winner



ASSOCHAM Award
for Most Innovative SME Company



GREATER GOOD AWARD
for a Remote Microgrid



IET INDIA : THE MOBILITY AWARD WINNER
for contribution towards Indian Engineering and Technology



THINK ,DREAM & BELIEVE BIG

Technology Partners

RTBI
C-BEEV
ARAI
ICAT
IIT Madras

Partners & Certifications

MNRE
IEEE
IITM Incubation Cell
IEC
MAKE IN INDIA
IESA

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