

ON THE NATIONAL MISSION OF **MADE IN INDIA**



We are committed to deliver world class energy solutions in a safe, reliable, efficient and environmentally sound manner.



**Providing Indigenous
Green Energy Solutions**



**India's First Lithium
Battery Manufacturing Unit**



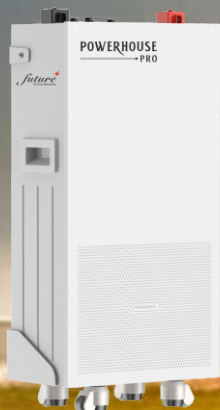
**We Believe
Renewable is the Future**



POWERHOUSE

Energy Storage System • PRO

8000+
CYCLE



Powerhouse is a Lithium battery storage that has a long life span and can operate in high temperature to supply stable electricity for all kind of devices. It also can be expanded to build a multi-module system with more capacity to fulfil the longtime energy storage demand.

It is advised to recharge the battery once every six months for long term storage. The light weight design with less volume makes the installation & maintenance easier. "This is not just a solution but a revolution."

SALIENT FEATURES

- ⚡ Inbuilt fire extinguisher
- ⚡ Expandable upto 50 units
- ⚡ Smart app management
- ⚡ Safety protection with alarm system
- ⚡ Self-management on charging and discharging
- ⚡ Single core balancing function



Technical Specifications

| S.No | Parameters | Descriptions | Unit | ES036 |
|------|-----------------------------------|--------------|------|-------------|
| 1. | Total Energy | | kWh | 14.336 |
| 2. | Chemistry | | | LFP |
| 3. | Nominal Voltage | | V | 51.2 |
| 4. | Rated Capacity | | Ah | 280 |
| 5. | Operating Voltage | Charge | V | 57.6 |
| | | Discharge | | 44.8 |
| 6. | Max Output Power | | kW | 10 |
| 7. | Max. Continuous Discharge Current | | A | 200 |
| 8. | Life Cycles (at 70 % DOD) | | Nos. | >8000 |
| 9. | Weight | | kg | 114 |
| 10. | Dimensions | l x w x h | mm | 435*233*857 |
| 11. | Operating Temperature | | °C | -20C~+55C |
| 12. | Expandable | In parallel | nos | 50 |



The future lies with
Future Hi-Tech

We are certified for the essential parameters of the industry which includes:

ISO 9001 | ISO 14001 | ISO 45001 |  RoHS | CE | FCC

Further product qualify and some are certified :

AIS / R-10 / R-100 / UN38.3 / UNR136 / UL2271 /
UL2054 / UL2580



21612050

Future Hi-Tech Batteries Ltd.



Manufacturing Unit

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