

"ThoR " Light Duty Product Overview

ThoR - LD series is a high performance energy storage system, built for critical application & highly portable, Light weight, High energy density battery storage - features LFP technology. Ensuring long life, high efficiency and reliable, utilizing advance GaN, SiC - IGBT interface embedded technology



Product Properties

- Battery Type : Industrial grade -LFP
- Capacity : 210 AH to 630 AH
- Power Output : 2 KW, 5 KW, 10 KW
- Operating Temperature : -5 ~C to 74~C
- Dimension : 80 x 55 x 36 cm (Std)
- Weight : 54 Kg to 118 Kg
- Enclosure : Carbon / Glass Fiber Composite
- Connectivity : BLE, Wifi, IoT enabled (optional)
- Certification : NABL Cert. IS, RoHS, IEC
- Expandable : Parallelel upto 840 AH

Discharge Ports

- USB Type A & C
- AC : 220 V /50 Hz
- DC out port : 12 V/ 24 V
- eV Charging : Optional

Charging Ports

- Solar PV : DC
- Wind Turbine : DC
- Vehicle Charging : DC
- Grid AC Inlet : AC
- eV Port : DC

Safety Features

- Over Heat protection
- Short Circuit protection
- Overcharge Protection
- BMS Safety
- NABL Certification /IPV45



Energy
saving



APPLICATION & USE CASES

- Medical / First Responders / Ambulance custom fit
- Disaster Management - Emergency power back up
- Defense / Agri Robotics / Drones -Fast Charging
- Sky Light & Laser Systems - Outdoor
- Construction Site & Equipment's
- Outdoor events & Festivals
- Day to day power saving unit ! Save money !

