

ELECTRENT

INNOVATING Energy Storage Solutions



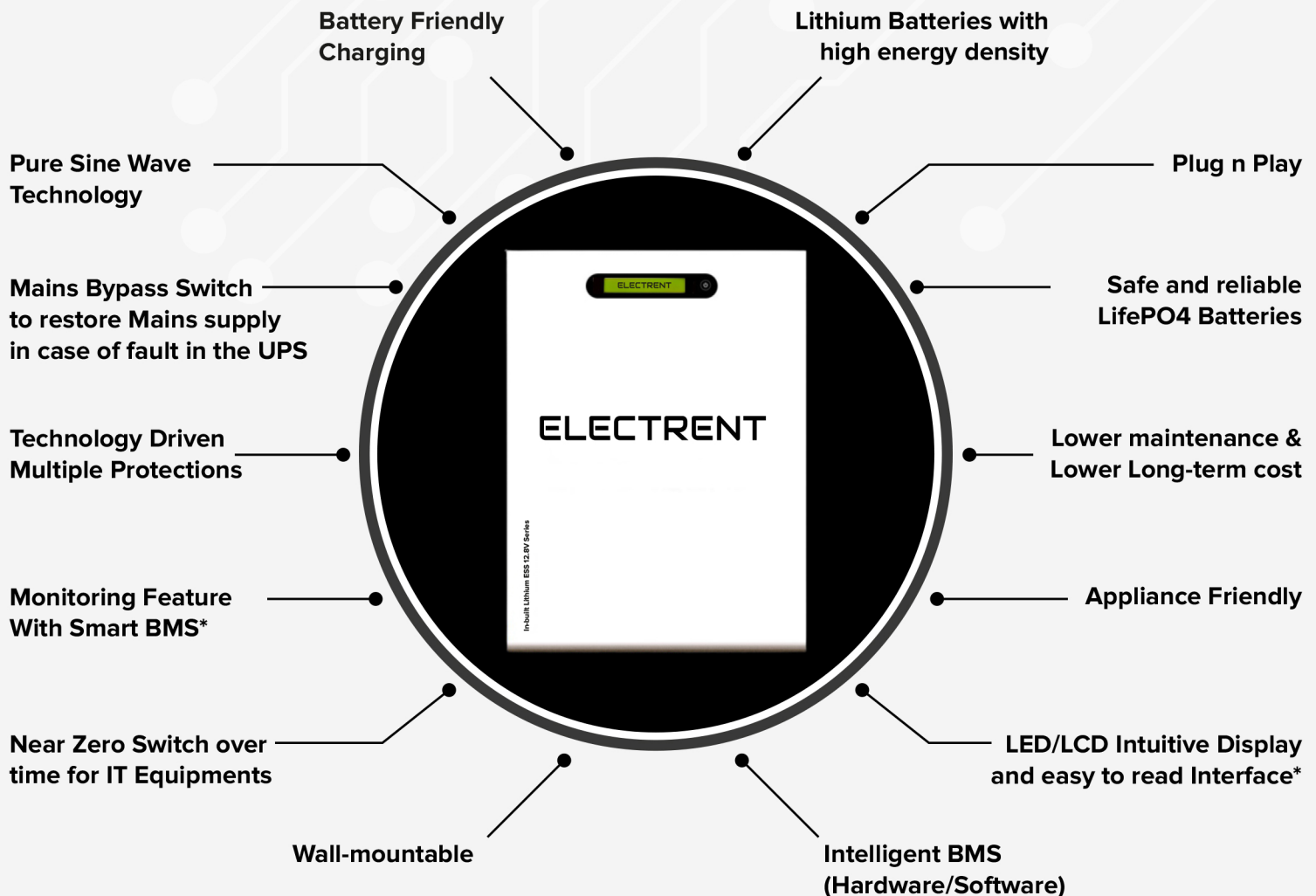
IN-BUILT LITHIUM ENERGY STORAGE SYSTEM
850-2500 (12.8V/25.6V)

Certifications

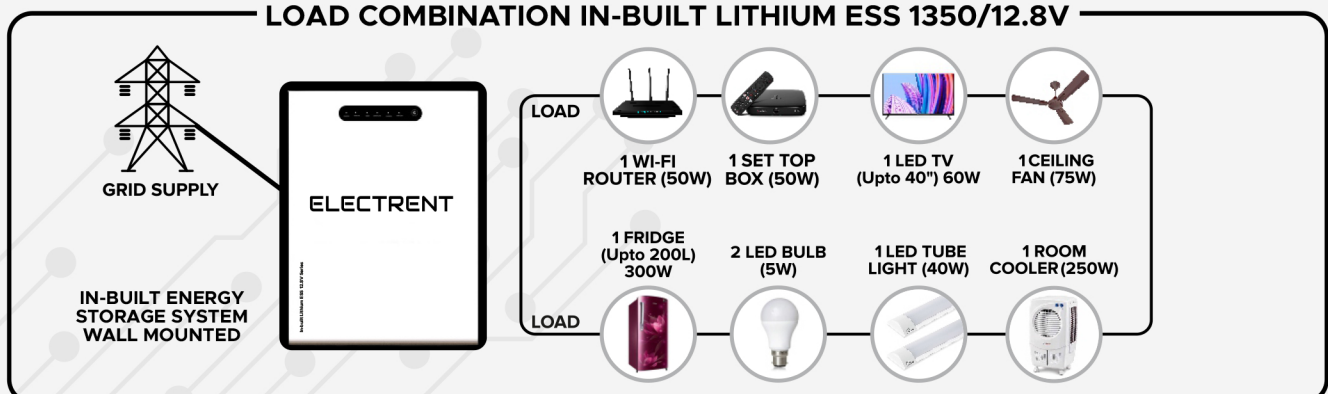


Elegant | Wall Mountable | Maintenance Free | Long Life

IN-BUILT LITHIUM ENERGY STORAGE SYSTEM 850-2500 (12.8V/25.6V)



LOAD COMBINATION IN-BUILT LITHIUM ESS 1350/12.8V



TECHNICAL SPECIFICATIONS

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| IN-BUILT LITHIUM ESS SERIES | 850-60/12.8V | 1050-75/12.8V | 1350-100/12.8V | 2000-100/12.8V | 2500-100/25.6V |
|-----------------------------|--------------|---------------|----------------|----------------|----------------|
|-----------------------------|--------------|---------------|----------------|----------------|----------------|

ON/OFF Switch Function

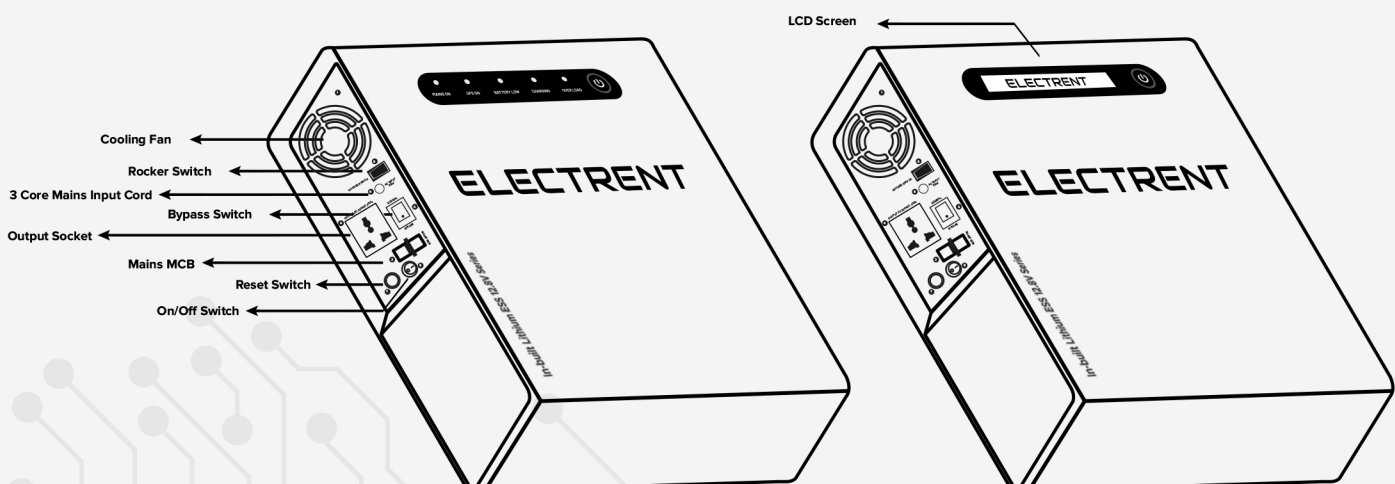
Press the switch for 1.5 sec then system will turn ON and will become OFF with another 1.5s button press

| LCD Display Features | | | | |
|------------------------|---------------------|--------------------------|---------------------------|-----------------------------|
| Battery Voltage | UPS Load % | Mains Status | Charging Current | Boost Voltage |
| Battery Low Protection | Overload Protection | Short Circuit Protection | Mains MCB Trip Protection | High Temperature Protection |

LED Display Features

| Mains ON | | UPS ON | Low Battery | Charging | Overload | |
|---------------------------|-----------------------|----------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Inverter Parameters | VA/Load | 750VA/525W | 850VA/595W | 1200VA/840W | 1500VA/1200W | 2000VA/1600W |
| | Voltage | 12V | 12V | 12V | 12V | 24V |
| | Input Voltage Range | W-UPS: 105V-285V UPS: 180-265V | | | | |
| Battery Parameters | Capacity | 60AH/12.8V | 75AH/12.8V | 100AH/12.8V | 100AH/12.8V | 100AH/25.6V |
| | Voltage | 12.8V | 12.8V | 12.8V | 12.8V | 25.6V |
| | Chemistry | LiFePO4 | LiFePO4 | LiFePO4 | LiFePO4 | LiFePO4 |
| | BMS | Hardware/Software BMS In-built | Hardware/Software BMS In-built | Hardware/Software BMS In-built | Hardware/Software BMS In-built | Hardware/Software BMS In-built |
| Mechanical | Dimensions (MM) | 460x136x385 | 460x136x385 | 460x136x385 | 460x136x385 | 498x220x470 |
| | Weight (KG) (Approx.) | 17 KG | 19 KG | 24 KG | 34 KG | 38 KG |
| Approximate Backup Time** | Bulb Load 300 Watts | 2 Hours 30 Minutes | 3 Hours | 4 Hours 18 Minutes | 4 Hours 18 Minutes | 8 Hours 36 Minutes |
| | Bulb Load 400 Watts | 1 Hour 50 Minutes | 2 Hours 14 Minutes | 3 Hours 11 Minutes | 3 Hours 11 Minutes | 6 Hours 22 Minutes |
| | Bulb Load 500 Watts | 1 Hour 35 Minutes | 1 Hour 45 Minutes | 2 Hours 31 Minutes | 2 Hours 31 Minutes | 5 Hours |
| | Bulb Load 600 Watts | - | - | 2 Hours | 2 Hours | 4 Hours |
| Warranty | | 3 Years | 3 Years | UPS: 3 Years Battery: 5Years | UPS: 3 Years Battery: 5Years | UPS: 3 Years Battery: 5Years |

** Backup duration can be vary by up to 10 minutes

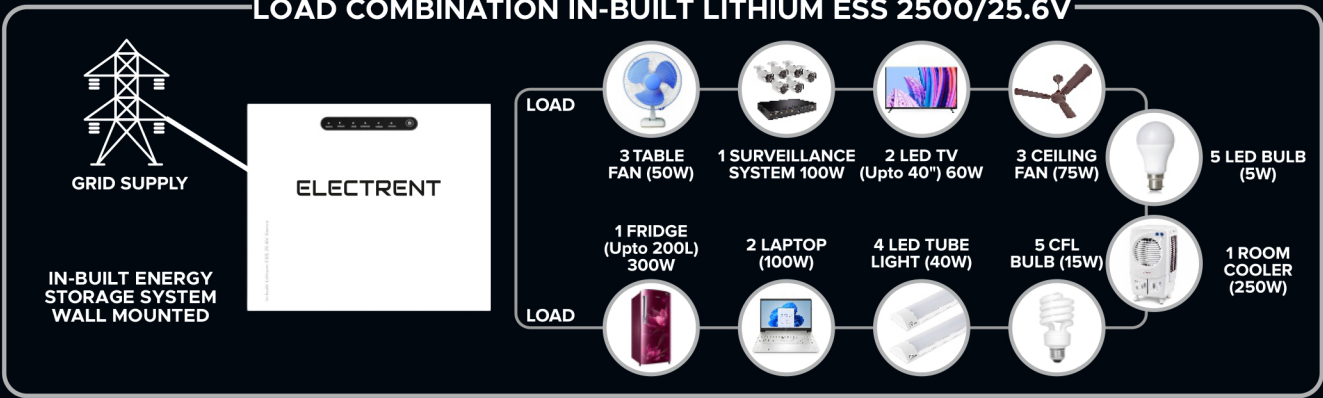


FOR MORE PRODUCT INFORMATION  +91 7357121111

IN-BUILT LITHIUM ENERGY STORAGE SYSTEM WALL MOUNTED



LOAD COMBINATION IN-BUILT LITHIUM ESS 2500/25.6V



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