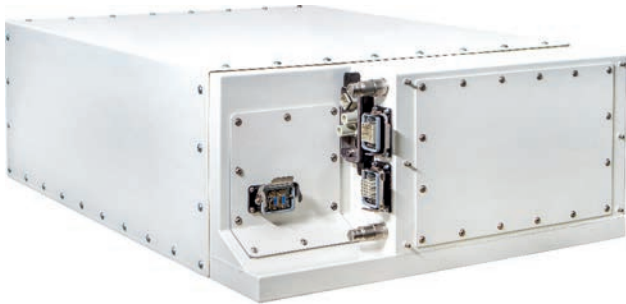


UVES LTO STANDARD

Battery Pack LTO 15.2 kWh



- Lithium-ion technology LTO
- Modularity
- Designed for heavy-duty application
- Homologated ● UN ECE R100.02 ● UN ECE R10.05
- High profile solution ● flat solution
- 144S2P ● 288S1P cells configuration
- Thermal Management System

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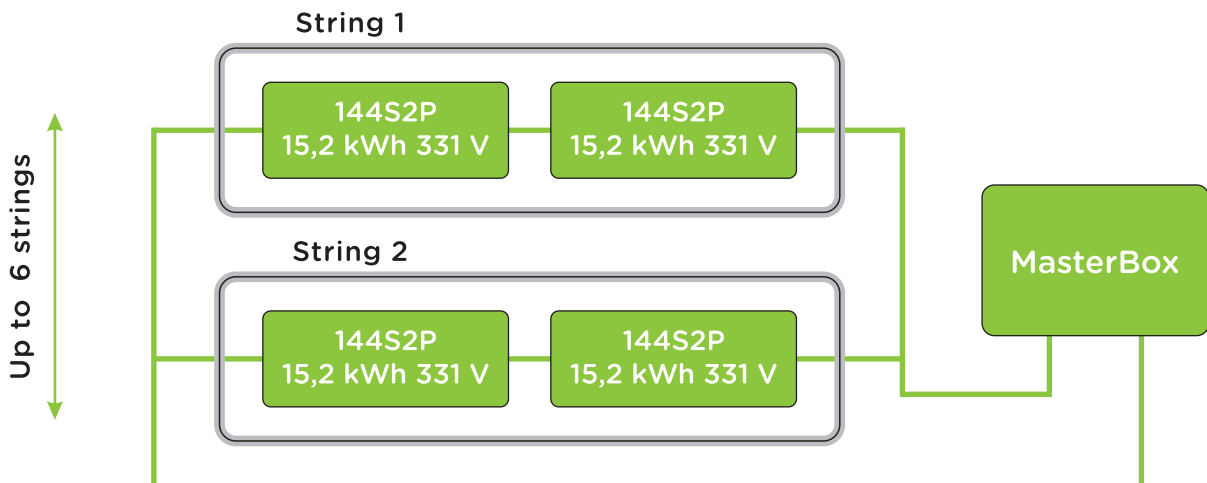


PARAMETERS

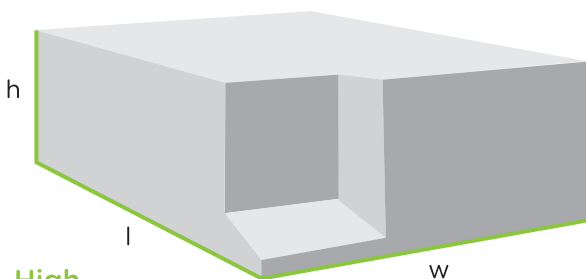
| Operating conditions | | | Battery Pack (single container) Configurations | | | | | |
|-----------------------------|---------------------------------|--------|--|---|--------|----------|----------|----------|
| | 144S2P | 288S1P | Voltage | | | Capacity | Energy | |
| Discharge Current | 200 A | 100 A | Cells conf. | Min. | Nom. | Max. | 15.2 kWh | |
| Max Discharge Current (10s) | 400 A | 200 A | 144S2P | 230 V | 331 V | 389 V | | |
| Discharge Temp. Range | -30°C to 55°C | | 288S1P | 461 V | 662 V | 778 V | | |
| Charge Current | 200 A | 100 A | String configurations | | | | | |
| Max Charge Current (10s) | 400 A | 200 A | | BP 1 | BP 2 | Voltage | Capacity | Energy |
| Discharge Temp. Range | -30°C to 55°C | | Single container | 144S2P | - | 331 V | 46 Ah | 15.2 kWh |
| Protection class | IP 65 | | | 288S1P | - | 662 V | 23 Ah | 15.2 kWh |
| Thermal Management System | Liquid | | 2 Containers in series | 144S2P | 144S2P | 662 V | 46 Ah | 30.5 kWh |
| Homologation | UN ECE R10.05 UN ECE R100.02 | | | Parallel connection of strings ← more kWh | | | | |

EXAMPLE OF SYSTEM CONFIGURATION

2 x string (2 x Battery Pack) → 4 x Battery Pack → 61 kWh → 662 V → 92 Ah

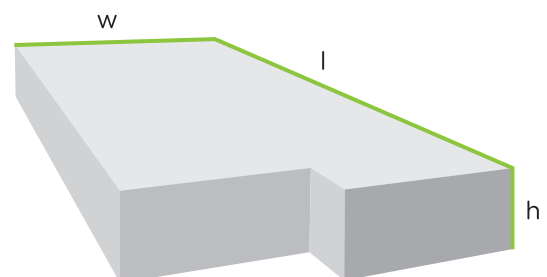


MECHANICAL PARAMETERS



High profile solution (mounted in engine compartment)

| | l x w x h |
|------------|---------------------|
| Dimensions | 1054 x 769 x 340 mm |
| Weight | 313 kg |



Flat solution

| | l x w x h |
|------------|---------------------|
| Dimensions | 2000 x 800 x 180 mm |
| Weight | 294 kg |