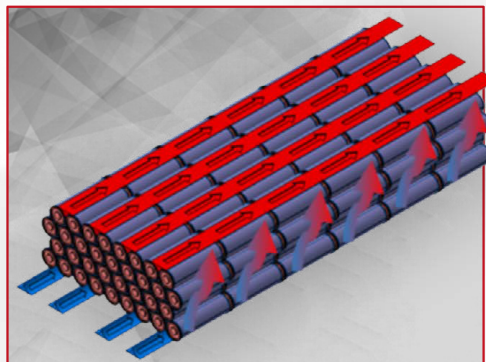


## IMMERSION COOLED CYLINDRICAL CELL BATTERY FOR HIGH PERFORMANCE



- Innovative immersion cooling systems with superior safety and performance characteristics
- Supercell design based on 21700 cell architecture allows super slim and flexible battery geometries
- Multitude of supercells and module configurations possible (34pXs and 46pXs fully developed)
- Unique electrochemical impedance spectroscopy in each supercell for improved prediction of power and energy availability and limitations

## OUR LIGHT BATTERY - YOUR BENEFITS



### HIGH PERFORMANCE BATTERY

We enable exceedingly high continuous charge- and discharge rates over an extended lifetime and ultra-fast charging at enhanced safety



### INCREASED LIFETIME

Higher lifetime at high performance due to significant reduction of temperature gradient and average cell temperature in the battery pack



### SUPERIOR SAFETY CHARACTERISTICS

Highest safety for a multitude of applications thanks to single cell fuses and noncombustible cooling medium



### HIGH FLEXIBILITY AND MODULARITY

Module length easily adjustable to your requirements due to customizable number of Supercells in series and flexible and modular design for easy adaption to specific installation spaces and use-cases



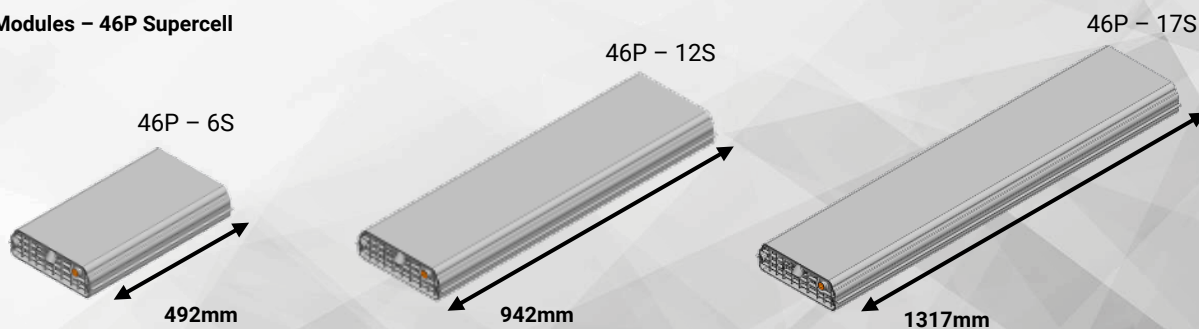
### PRODUCTION ORIENTED ENGINEERING

Designed for automated production and equal parts enable high-volume production and reduction of assembly costs to minimum

## SAMPLE TECHNICAL PARAMETERS

| Configuration                 | 46P – 6S    | 46P – 12S   | 46P – 17S   |
|-------------------------------|-------------|-------------|-------------|
| # of Cells                    | 276         | 552         | 782         |
| Energy content per Module (1) | 5,0 kWh     | 10,0 kWh    | 14,2 kWh    |
| Voltage Range (1)             | 18V – 25,2V | 36V – 50,4V | 51V – 71,4V |
| Capacity (1)                  | 226,8Ah     |             |             |

### 1-Dimensional Scalability of Modules – 46P Supercell



(1) calculated values (based on cell data)

