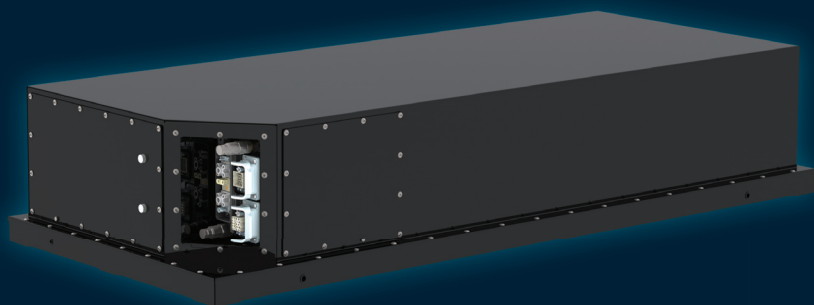


UVES Energy Gen 2.0

Battery Pack NMC 66,6 kWh



- Lithium-ion technology NMC
- High energy solution
- Modularity
- Designed for bus heavy-duty application
- 180S1P cells configuration
- Thermal Management System
- Homologated: UN ECE R100.02 and UN ECE R10.06

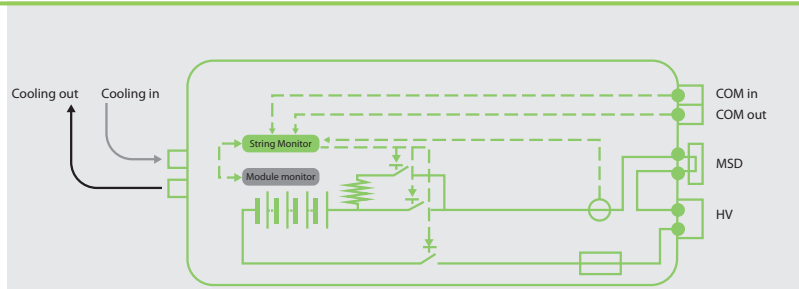


www.icpt.pl

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Parameters

Operating conditions of battery Pack	
	180S1P
Discharge Current Continuous	200 A
Discharge Current Maximum (@10s)	400 A
Discharge Ambient Temp. Range	-20°C to 55°C
Charge Current Continuous	100 A
Charge Current Maximum (@10s)	300 A
Charge Ambient Temp. Range	-20°C to 55°C
Protection class	IP 67
Thermal Management System	Liquid cooling
Homologation	UN ECE R10.06 UN ECE R100.02
Precharge circuit	YES

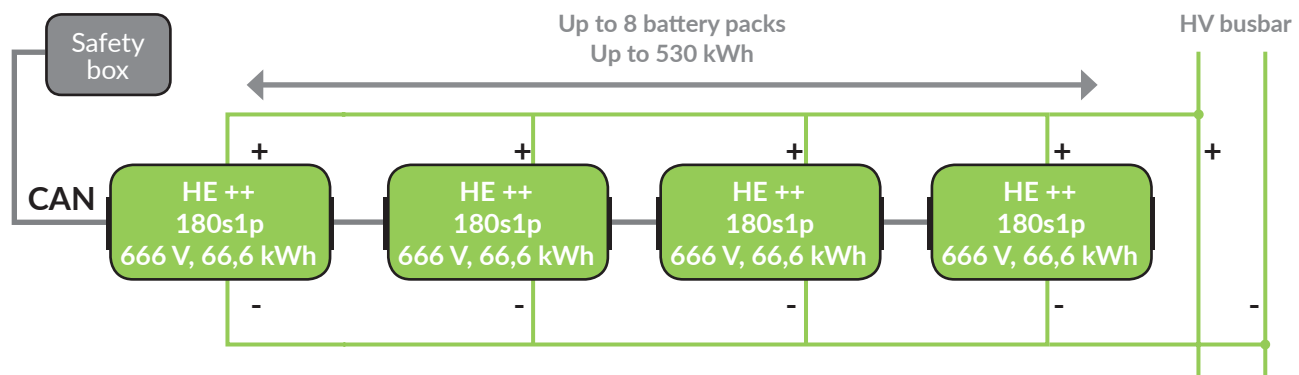


Battery Pack Specification					
Cellc conf.	Voltage			Capacity	Energy
	Min.	Nom.	Max.		
180S1P	504 V	666 V	774 V	100 Ah	66,6 kWh*

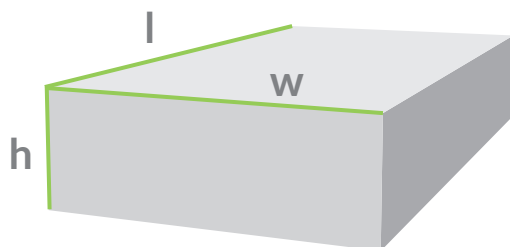
String configuration				
	Voltage	Capacity	Charge/discharge current continuous	Energy
x2 battery packs in parallel	666 V	200 Ah	200 A / 200 A	133,2 kWh*
x4 battery packs in parallel	666 V	400 Ah	400 A / 400 A	266,4 kWh*
x6 battery packs in parallel	666 V	600 Ah	600 A / 600 A	399,6 kWh*

*usable 80%

Example of system configuration



Mechanical parameters



	$l \times w \times h$
Dimensions	1690 x 720 x 333 mm
Weight	420 kg

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