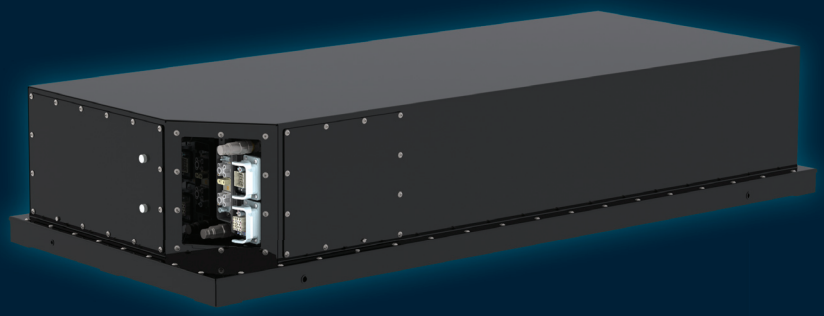
UVES Energy Gen 2.0

Battery Pack NMC 66,6 kWh



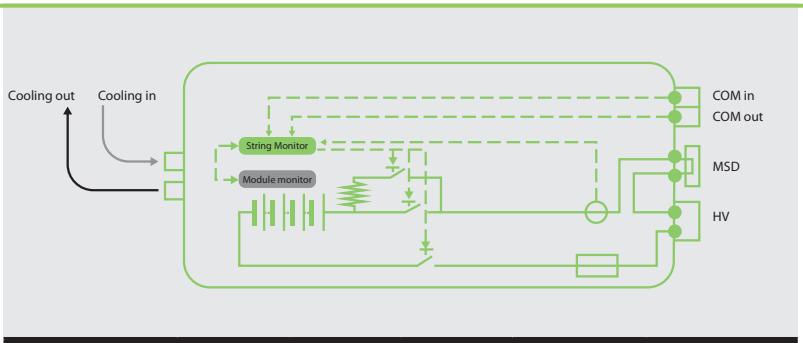
- Lithium-ion technology NMC
- High energy solution
- Modularity
- Designed for bus heavy-duty application
- 180s1p cells configuration
- Thermal Management System
- Homologated: UN ECE R100.02 and UN ECE R10.06

www.icpt.pl

Impact Clean Power Technology S.A.
Al. Jerozolimskie 424 A , 05-800 Pruszków, Poland
phone: +48 22 758 68 65
e-mail: info@icpt.pl, **www.icpt.eu**

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 V

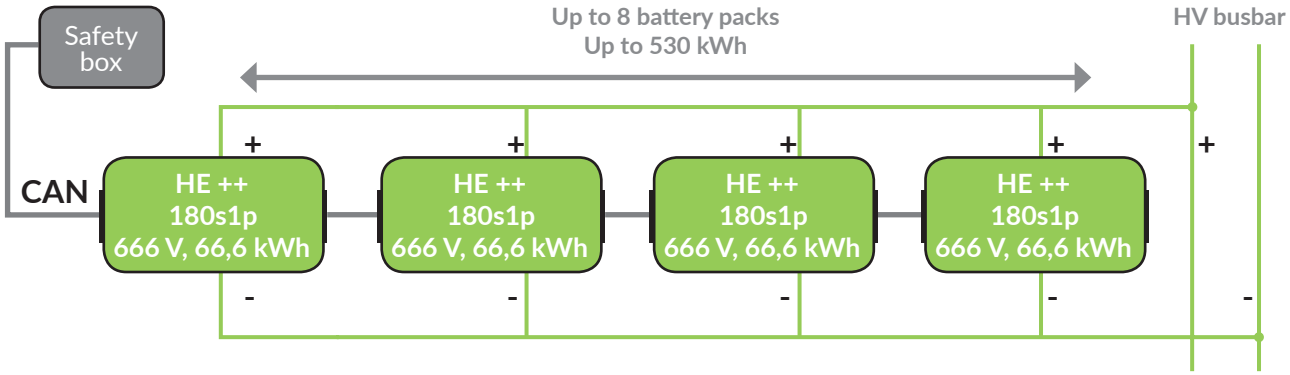


Battery Pack Specification					
Cellc conf.	Voltage			Capacity	Energy
	Min.	Nom.	Max.		
180S2P	504 V	666 V	774 V	100 Ah	66,6 kWh*

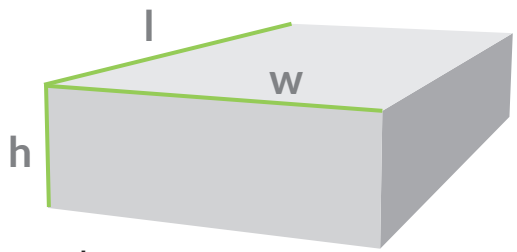
String configuration				
	Voltage	Capacity	Charge/discharge current continuous	Energy
x2 battery packs in parallel	666 V	200 Ah	200 A / 200 A	133,2 kWh*
x4 battery packs in parallel	666 V	400 Ah	400 A / 400 A	266,4 kWh*
x6 battery packs in parallel	666 V	600 Ah	600 A / 600 A	399,6 kWh*

*usable 80%

Example of system configuration



Mechanical parameters



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

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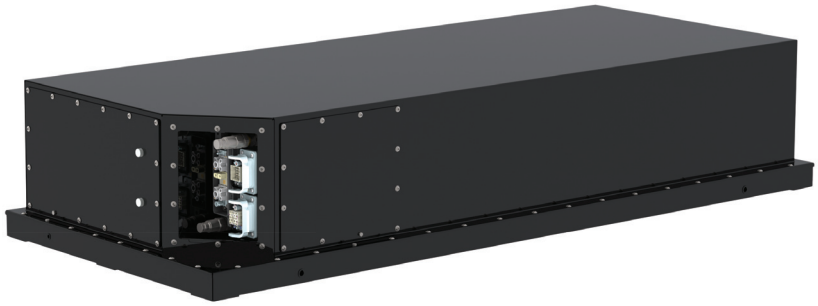

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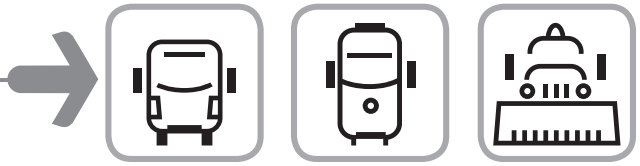

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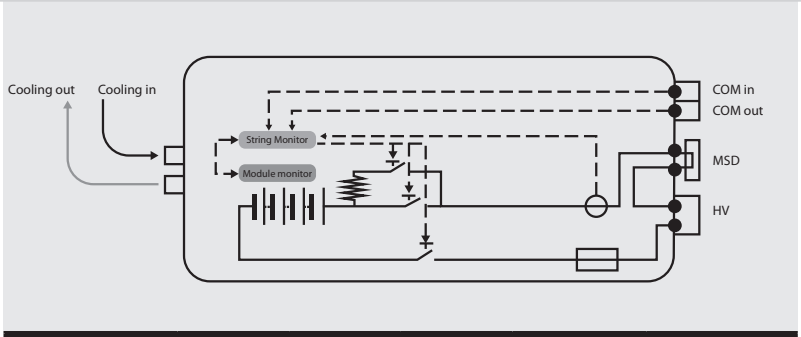

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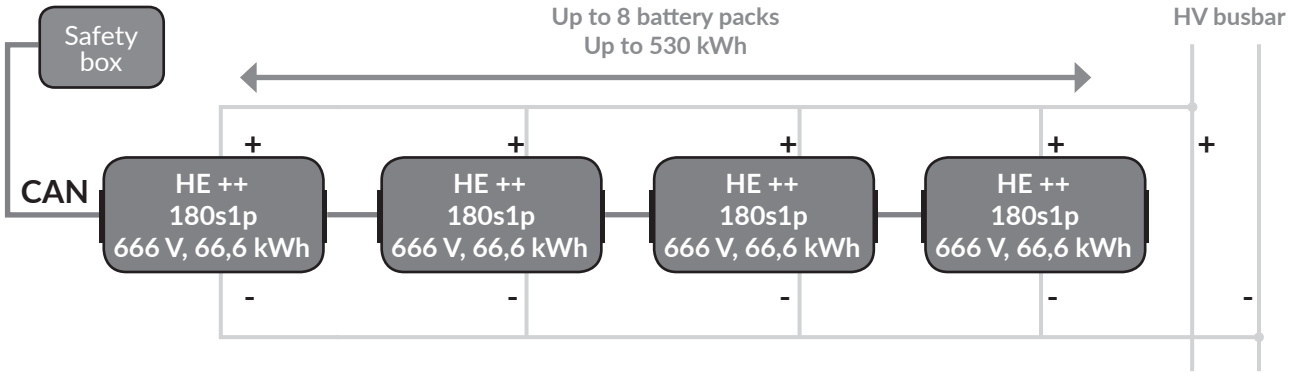

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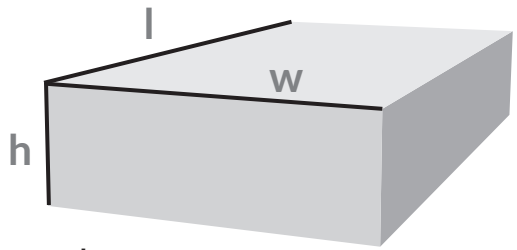

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