

UVES LTO COMPACT

Battery Pack LTO 7.6 kWh



- Lithium-ion technology LTO
- Modularity
- Designed for heavy-duty application
- Homologated ● UN ECE R100.02 ● UN ECE R10.05
- Compact size
- 72S2P cells configuration
- Thermal Management System

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Buses



Trolleybuses



Commercial trucks

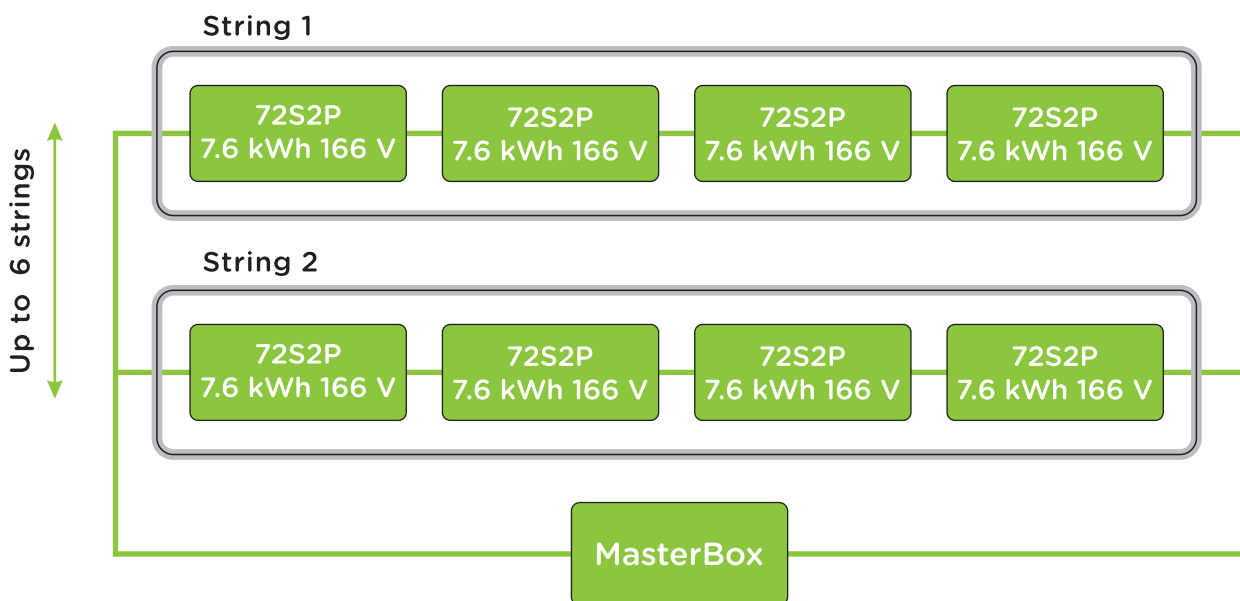


PARAMETERS

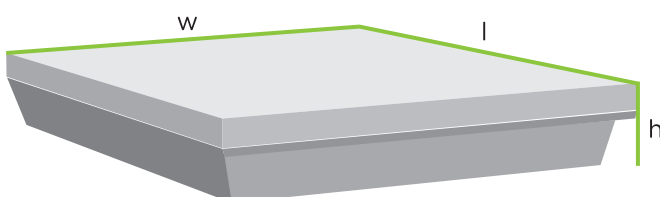
Operating conditions		Battery Pack (single container) Configurations							
	72S2P	Voltage			Capacity	Energy			
Discharge Current	200 A	Cells conf.	Min.	Nom.	Max.				
Max Discharge Current (10s)	400 A	72S2P	115 V	166 V	194 V	46 Ah	7.6 kWh		
Discharge Temp. Range	-30°C to 55°C	String configurations							
Charge Current	200 A		BP 1	BP 2	BP 3	BP 4	Voltage	Capacity	Energy
Max Charge Current (10s)	400 A	Single container	72S2P	-	-	-	166 V	46 Ah	7.6 kWh
Charge Temp. Range	-30°C to 55°C	2 Containers in series	72S2P	72S2P	-	-	331 V	46 Ah	15.2 kWh
Protection class	IP 65	3 Containers in series	72S2P	72S2P	72S2P	-	497 V	46 Ah	22.9 kWh
Thermal Management System	Liquid	4 Containers in series	72S2P	72S2P	72S2P	72S2P	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 (4 x Battery Pack) → 8 x Battery Pack → 60.9 kWh → 662 V → 92 Ah



MECHANICAL PARAMETERS



	l x w x h
Dimensions	1200 x 820 x 164 mm
Weight	155 kg