

OUR SOLUTIONS FOR BATTERY PACK INTEGRATION

PLUG & PLAY SOLUTIONS READY FOR SEAMLESS ELECTRIFICATION



400 V & 800 V PREMIUM BATTERY PACK

- BMW packs connected in parallel and series: 42 to 422 kWh
- Cost benefits from large scale production and road-proven safety
- Premium components for cooling and communication
- 12V/24 V Gateway, ISO26262 compliant - Gateway for 800 V with additional protective circuit and isolation

YOUR BENEFITS



ATTRACTIVE COST OFFERINGS

Premium quality at attractive cost offerings – even at small volumes due to large scale series production



FAST AND SAFE ELECTRIFICATION

We propel your R&D and safety efforts with our premium Plug & Play battery solutions and service offerings



SAFE AND PROVEN TECHNOLOGY

We deliver premium, road-proven reliable, robust and complete Li-Ion Battery Packs- UN38.3, ECE-R100 and ISO26262 certified



CUSTOM-FIT SOLUTIONS FOR WIDE RANGE OF APPLICATIONS

Adjustable and scalable solutions with ancillary equipment cover a multitude of use-cases



FULL SERVICE BATTERY PACK INTEGRATION

Full integration of all electrical, safety, cooling and communication functionalities



ONE FACE TO THE CUSTOMER – EFFECTIVE PROJECT MANAGEMENT

We are your trustworthy partner managing all aspects of the electrification process and ensure a successful project execution

TECHNICAL PARAMETERS & OPTIONS

Parameter	Unit	Single Battery	400 V Solution	800 V Solution
Max. number of batteries	-	1	12	12
Max. configuration	-	1p1s	Up to 12p1s	Up to 6p2s
Nominal voltage	V	352,3	352,3	704,6
Voltage range	V	259,2 ~403,2	259,2 ~403,2	518,4 ~ 806,4
Energy Content (nom.)	kWh	42,2	42,2 ~ 506,4	84,4 ~ 506,4
Max. Discharge Power*	kW	148	> 650*	> 800*
Cont. Discharge Power*	kW	53	> 600*	> 600*
Max. Charge Power*	kW	80	> 600*	> 600*
Cont. Charge Power*	kW	50	> 540*	> 540*
Dimensions	mm	1662 x 964 x 174		
Mass	kg	276		
Example Configuration			4p1s	3p2s
Number of batteries			4	6
Energy content	kWh		168,8	253,2
Max. Power* DISC / CHA	kW		-530 / 280	-800 / 430

*depending on electrical integration

