



Powertrain Product Catalog

Integrated Component Solutions for Clean Mobility and Energy Conservation

Product	Description			Application	Product Image
DC-DC POWER CONVERTER MODULE – ISOLATED – UNI-DIRECTIONAL					
	V _{dc-in}	V _{dc-out}	Power (kW)	Electric, Hybrid, and Fuel Cell Vehicles, Off-Road Equipment and Battery Charging Systems	
DC07	MV: 250-450V	12-30V	7		
	HV: 550-750V				
	UV: 700-900V				
DC20	MV: 250-450V	12-30V	9		
	HV: 550-750V				
	UV: 700-900V				
DC-DC POWER CONVERTER MODULE – ISOLATED – UNI-DIRECTIONAL					
	V _{dc-in}	V _{dc-out}	Power (kW)		
CV38	120-250V	400-750V	80	Mobile and Stationary Fuel Cell Power Systems	
DC-DC POWER CONVERTER MODULE – NON ISOLATED – UNI-DIRECTIONAL					
CV35	60-120V	200-420V	35	Mobile and Stationary Fuel Cell Power Systems	
DC-DC POWER CONVERTER MODULE – NON ISOLATED – BI-DIRECTIONAL					
	V _{dc-in}	V _{dc-out}	Input Current	Fuel Cell and Dual Energy Storage, Hybrid Vehicle System, and Smart Grid	
BDC2	M: 150-300V	100-650V	200A		
	H: 300-450V				
BDX2	M: 150-450V	100-650V	200A		
	H: 300-750V				
AUTOMOTIVE MOBILE EXPORT POWER					
DA04	Isolated (DA04) and Non-isolated (DA02) Export Power, DC-AC Converters (15kW, 30kW, 120/208 3Ø or 120/240Vac Split-phase, 50/60/400Hz)			Hybrid Commercial Vehicles, Military Vehicles, and Smart Grid	
AUXILIARIES DRIVES					
DA08	Three independent 3-Φ Inverters with J1939 CAN command, control and diagnostics Auxiliary Motor Drive (Air, Hydraulic and A/C Compressor)			A/C Compressor, Electro-Hydraulic and Air Compressor Drives	
TRACTION MOTORS AND HYBRID GENERATORS					
GCU100	Generator APU System High Torque / Power Density Permanent Magnet Motor (450Nm, 80kW Continuous)			Specialty Vehicle APU Generator Form & Fit to SAE 2- Bell Housing	
EDU200	Electric Drive Unit High Torque / Power Density Induction Motor with Integrated Gear Reduction Unit (2.72:1) (800Nm, 200kW)			Electric Power Train for Class 5-7 Commercial Vehicles and Medium- Duty Off-Road	
EDU240	Electric Drive Unit High Torque / Power Density Induction Motor (1300Nm, 240kW)			Electric Power Train for Class 7-8 Commercial Vehicles and Heavy- Duty Off-Road applications	