



# US Hybrid



## Product Catalog



### Integrated Component Solutions for Clean Mobility and Energy Conservation

Product	Description			Application	Product Image
<b>DC-DC POWER CONVERTER MODULE – ISOLATED – UNI-DIRECTIONAL</b>					
	V <sub>dc-in</sub>	V <sub>dc-out</sub>	Power (kW)	Electric, Hybrid, and Fuel Cell Vehicles, Off-Road Equipment and Battery Charging Systems	
<b>DC07</b>	MV: 250-450V	12-30V	7		
	HV: 550-750V				
	UV: 700-900V				
<b>DC20</b>	MV: 250-450V	12-30V	9		
	HV: 550-750V				
	UV: 700-900V				
<b>DC-DC POWER CONVERTER MODULE – NON ISOLATED – UNI-DIRECTIONAL</b>					
	V <sub>dc-in</sub>	V <sub>dc-out</sub>	Power (kW)	Fuel Cell Power Systems, Mobile and Stationary Renewable Energy, and Smart Grid	
<b>CV12</b>	20-40V	200-425V	16		
<b>CV35</b>	60-120V	200-420V	35		
<b>DC-DC POWER CONVERTER MODULE – NON ISOLATED – BI-DIRECTIONAL</b>					
	V <sub>dc-in</sub>	V <sub>dc-out</sub>	Input Current	Fuel Cell and Dual Energy Storage, Hybrid Vehicle System, and Smart Grid	
<b>BDC2</b>	M: 150-300V	100-650V	200A		
	H: 300-450V				
<b>BDX2</b>	M: 150-450V	100-650V	200A		
	H: 300-750V				
<b>BDX4</b>	M: 150-450V	100-650V	400A		
	H: 300-750V				
<b>AUTOMOTIVE MOBILE EXPORT POWER</b>					
<b>DA02</b>	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	
<b>DA04</b>					
<b>AUXILIARIES</b>					
<b>DA08</b>	Auxiliary Motor Drive (Air, Hydraulic and A/C Compressor)			A/C Compressor, Electro-Hydraulic and Air Compressor Drives	
<b>TRACTION MOTORS AND APU GENERATORS</b>					
<b>GCU100</b>	Generator APU System High Torque / Power Density Permanent Magnet Motor (450Nm, 80kW Continuous)			Specialty Vehicle APU Generator Form & Fit to SAE 2- Bell Housing	
<b>EDU200</b>	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	
<b>EDU240</b>	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	