



PRODUCT SHEET



Product Part Number	1001450-XX
Product Description	SiC Inverter, 3 phase
Voltage	550 to 850Vdc Range; 700Vdc Nominal
kVA Rating	294kVA
External Component Dimensions LxHxW	253x221x84.5 mm³
Weight	5.17kg

Our 5th generation 3 phase inverter is liquid-cooled inverter is now available with SiC MOSFETs. For automotive applications, the high-power density design saves space for powertrain packaging. The inverter utilizes high efficiency 1200V rated SiC MOSFETs and has been validated to AEC Q101 and AQC324 for reliability. The inverter comes complete with all I/O connectors and mating halves. CAN protocol for full automotive operation including fault codes, diagnostics, and self-protection modes is provided.