



PRODUCT SHEET



Product Part Number	1001084-XX
Product Description	SiC Inverter Stage only w/o Controller and w/o Housing
Voltage	550 to 850Vdc Range; 700Vdc Nominal
kVA Rating	147kVA
External Component Dimensions LxHxW	180x150x60.2 mm³
Weight	998 Grams

Our 5th generation Power Stage is liquid-cooled with integrated heatsink for SiC MOSFETs. For automotive applications, the high-power density design saves space and simplifies inverter packaging. The Power Stage utilizes high efficiency 1200V rated SiC MOSFETs and has been validated to AEC Q101 and AQC324 for reliability. Provided is signal interface definition for the customer to adapt their own controller. Two phase current sensors are included. Also available is a complete inverter in a housing with all I/O connectors and CAN protocol for full operation if desired.