

Separate Sheet

Specifications of the 100 kW Class Inverter Solution

Item	Specifications
Target motor output	Rated 40 kW class / Maximum 100 kW (10s) class
Output current	Rated 200 Arms / Maximum 500 Arms (10s) * *peak 800 A
Input DC link voltage	250 - 400V
Control power supply	Operating voltage:12 V
Volume	3.9 L (Without protrusion)
Using Device	MCU: RH850/C1H Power Management IC: RAA270000 Driver IC: R2A25110 IGBT module (integrates the Renesas AE3 IGBT/FRD)
Reference software / Tool	Motor control driver software Motor calibration tool

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