

INV_1000



SINCE OUR INVERTERS ARE MEANT TO BE COUPLED WITH OUR HIGH-PERFORMANCE MOTORS, WE DEVELOP AND TEST THEM IN-HOUSE WITH THE GOAL OF REDEFINING THE BOUNDARIES OF POWER DENSITY.

With our double-inverter design, each of our inverters excel in instantly providing any amount of power the motors require from them.



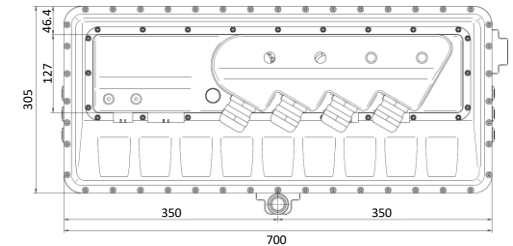
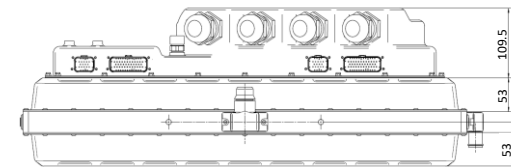
COMPATIBILITY



SPM_900



IPM_460



INV_1000



The INV_1000 is custom built and configured to work with Rimac's IPM electric motors. Coupled with a Rimac motor, it provides instant torque from 0rpm, with transients lasting less than 10ms and torque reference that can be specified to a precision of 0.1Nm.

TECHNOLOGY	IGBT
SWITCHING FREQUENCY	0 – 20kHz
NOMINAL SYSTEM VOLTAGE LEVEL	400 – 750V
MAXIMUM MOTOR CURRENT	1000Arms/motor
PEAK POWER	450kW/motor
CONTINUOUS POWER	250kW/motor
COOLANT FLOW	60l/min
WEIGHT	42kg

TECHNOLOGY

IGBT

WEIGHT

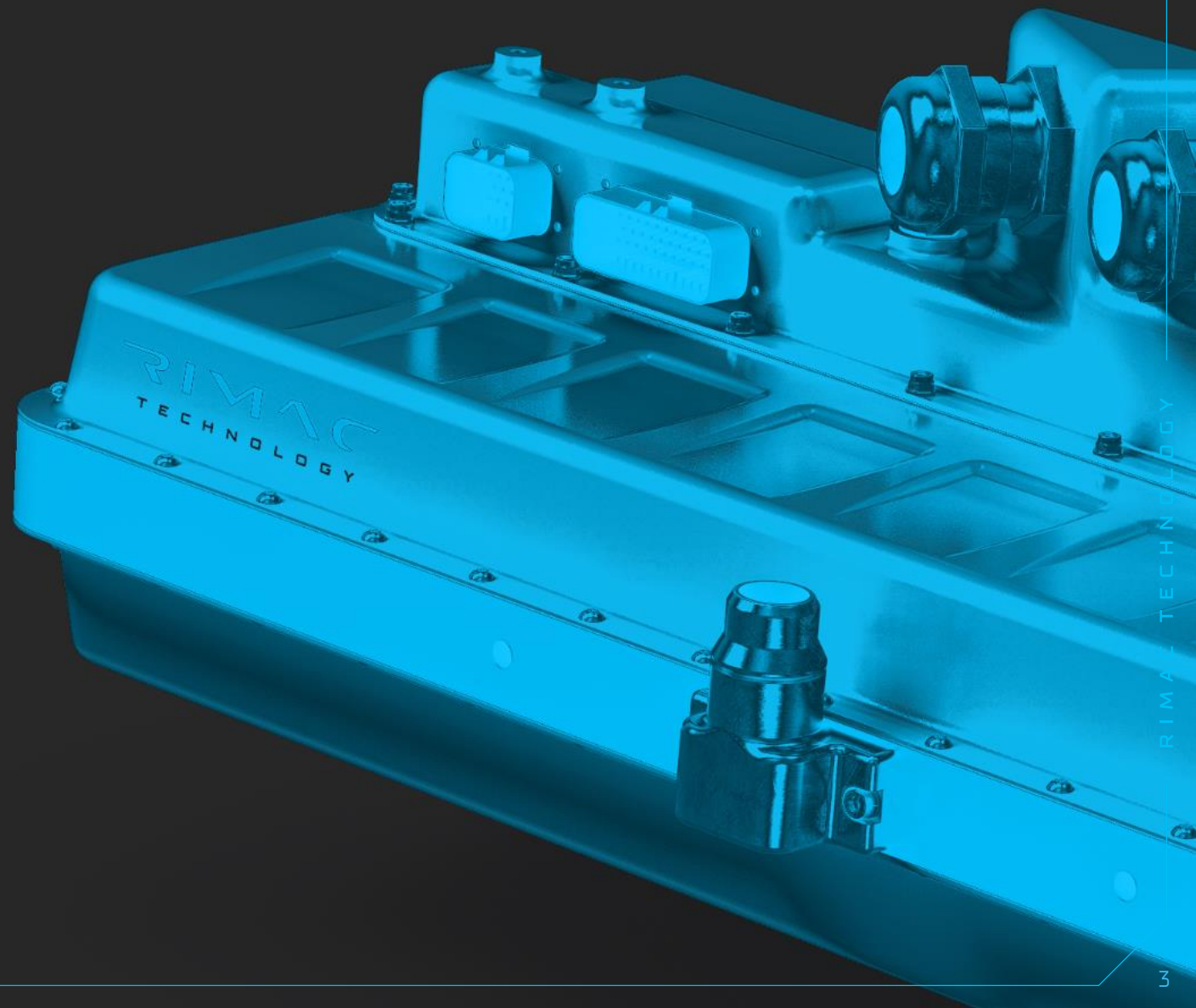
42kg

PEAK POWER (PER MOTOR)

450kW

CONTINUOUS POWER (PER MOTOR)

250kW



RIMAC TECHNOLOGY

