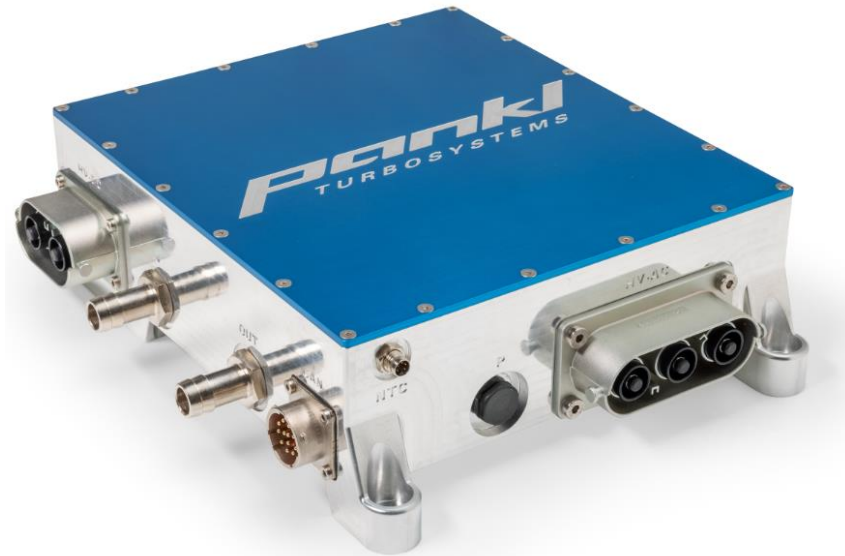


# Estoril HP Inverter



Type	400V	800V
Nominal voltage [V]	400V	800V
Voltage range [Volts DC]	220 - 450	600 - 850
Powerstage	SiC-MOSFETs	SiC-MOSFETs
Phase current [Amps RMS]	150	150
Peak efficiency	98%	98%
Switching frequency [kHz]	72	72
Housing size [L x W x H mm]*	220 x 200 x 80	220 x 200 x 80
Power density [kVA/l]	30	60
Weight [kg]	4,9	4,9

Pankl reserves the right to change specification without notice. The data may change according to the configuration

\* Housing dimensions without EMC filter

**Pankl Turbosystems GmbH (PTSYS)** located in Mannheim, Germany is a subsidiary of Pankl Racing Systems AG, Austria. PTSYS is a high-tech custom solution provider in the field of innovative electrified turbomachinery and air management solutions for automotive, aerospace and industrial applications. PTSYS' leading-edge electrified solutions are fitted with high-efficiency permanent magnet synchronous motors and integrated power electronics. Pankl Turbosystems GmbH's Fuel Cell Air Supply (FCAS) systems for next generation high-performance fuel cells from 30kW to over 300kW are recognized for their weight/size-to-performance ratio and are optimized for highly dynamic transient response and start-stop operation.