

## ZPM2.3 75kW Electric Machine



The Zytek Performance Machine (ZPM) – 2.3 is designed and developed for motorsport hybrid and electric vehicles. This permanent magnet machine has race proven performance and reliability demonstrated in high level motorsport series. The advanced winding methodology and IPM rotor delivers exceptional torque density and efficiency.

Running with a ZPH series inverter, ZPI-2.1 it delivers optimum control for ZPM-2.3 MGU and maximize system performance and efficiency.

### SPECIFICATION

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Type:	3-phase Permanent Magnet Machine
Dimensions:	560 x 303 x 245 mm
Dimensions:	158 mm $\varnothing$ x 136 mm
Mass:	9.2 kg
Peak Power:	75kW
Peak Torque:	50Nm
Continuous Power:	40kW
Operating voltage:	200-400V
Maximum Operational	Speed: 16,500 rpm
Rotor Inertia:	0.00325 kg m <sup>2</sup>
Cooling:	Water/Glycol
Maximum Coolant Inlet	Temperature: 50 °C
Coolant Flow Rate:	8.0 L/Min

### APPLICABLE SERIES

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All hybrid race series

### INSTALLATION DRAWINGS

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Please see next page

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## INSTALLATION DRAWINGS

