For ME1507, ME1616, ME1905, ME2401 PMSM motors :

Weight	**21.4**	**Kg**
Peak power	**48 @ 600A | 29 @ 350A**	**kW with 100 VDC Battery Supply**
Continous power	**13**	**kW**
Peak current	**600**	**A_{rms}**
Continous current	**157**	**A_{rms}**
Continous torque	**32**	**Nm**
Max torque	**120**	**Nm**
Max speed	**8000**	**Rpm**
Max temp	**140C**	**ºC**
Ingress protection	**IP65**	
Efficiency	**92**	**%**
Internal phase resistance at 25ºC	**0.0027**	**Ω**
Phase wire cross-section	**2 AWG**	**12 wires in paralled, 1mm diameter**
Temperature sensor	**KTY84-130**	
Number of poles	**10**	**Units**
Inductance	**62-110 at 1000 Hz**	**µH**
Voltage Constant	**0.026**	**V/RPM**
Torque Constant	**0.22**	**Nm/Amp**
Frequency	**Variable**	**Hz**
Rotor inertia	**960**	**$Kg \cdot cm^2$**
Encoder	**Sine/Cosine – 5V**	
Air gap	**2**	**mm**

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