**150W Outrunner BLDC Motor**

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| Basic Motor Parameters | | |
| Rated Power | W | 150 |
| Rated Speed | rpm | 2600 |
| Rated Torque | Nm | 0.55 |
| Rated Current | A | 12 |
| Rated Voltage | V | 14.4 |
| No-Load Speed | rpm | 3200 |
| Max. Efficiency | % | 94 |
| Electrical Parameters | | |
| Number of Phases |  | 3 |
| Number of Poles |  | 14 |
| Torque Constant (KT) | Nm/A | 0.046 |
| Back EMF Constant (KE) | Vs/rad | 0.046 |
| Terminal Resistance Phase to Phase (±%10) | mΩ | 65 |
| Terminal Inductance Phase to Phase (±%30) | mH | 80 |
| Thermal Data | | |
| Ambient Temperature | °C | -40...+85 |
| Max. Winding Temperature | °C | +155 |
| Physical Parameters | | |
| Outer Diameter | mm | 50.2 |
| Shaft Diameter | mm | 8 |
| Max. Lenght | mm | 81 |
| Weight | gr | ~175 |
| Motor Connection | | |
| U | Left Pin | |
| V | Middle Pin | |
| W | Right Pin | |
| Sensor Connection | | |
| N/A | N/A | |
| Connector Articles | | |
| Power | Amass MR30 | |
| Signal | N/A | |