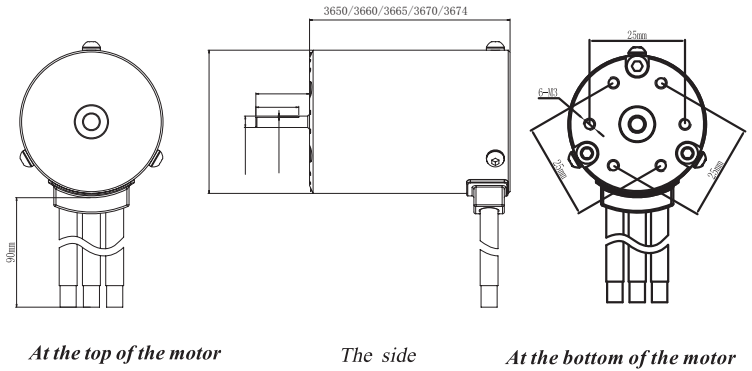


36 SERIES BRUSHLESS MOTOR FOR CAR

■ Features:

- ★ 4 Poles 12 Slot Hi-torque Motor Design
- ★ CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- ★ High Purity Copper Windings Maximizes Efficiency
- ★ High RPM ABEC5 Oversized Bearings
- ★ Universal fit, fits all 1/10 brushless cars-multi-mounting system for M3 screws
- ★ Precision balanced rotor, smoothness for best reliability and maximum RPM
- ★ Stator - Super Thin (0.35mm) Laminations
- ★ Removable/Replaceable Rotor
- ★ Precision Engineered for Maximum Energy Conversion

■ The product structure:



At the top of the motor

The side

At the bottom of the motor

■ Motor Specification

| Number | Product | Watts | Max voltage | Max Amps | Rotor Poles | IO | Resistance | Kv (RPM/Volt) | Max RPM | Length | Diameters | Weight(g) | Shaft(mm) | Length of extend shaft | Connector |
|--------------|-----------|-------|-------------|----------|-------------|------|------------|---------------|---------|--------|-----------|-----------|-----------|------------------------|------------|
| CY-600002-19 | 3650/2.5T | 900 | <8.4V | 107A | 4 | 5.2A | 0.0043 | 5900 | 50000 | 50mm | 36mm | 180 | φ 3.175 | 15mm | 4.0mm gold |
| CY-600002-20 | 3650/3T | 900 | <9.6V | 94A | 4 | 3.7A | 0.0051 | 5200 | 50000 | 50mm | 36mm | 180 | φ 3.175 | 15mm | 4.0mm gold |
| CY-600002-21 | 3650/3.5T | 900 | <12V | 75A | 4 | 2.7A | 0.0075 | 4300 | 50000 | 50mm | 36mm | 180 | φ 3.175 | 15mm | 4.0mm gold |
| CY-600002-22 | 3650/4T | 900 | <13V | 69A | 4 | 2.0A | 0.0081 | 3900 | 50000 | 50mm | 36mm | 180 | φ 3.175 | 15mm | 4.0mm gold |
| CY-600002-23 | 3650/5T | 900 | <16V | 56A | 4 | 1.4A | 0.0126 | 3100 | 50000 | 50mm | 36mm | 180 | φ 3.175 | 15mm | 4.0mm gold |
| CY-600002-24 | 3650/3.5Y | 900 | <22V | 41A | 4 | 1.2A | 0.0182 | 2300 | 50000 | 50mm | 36mm | 180 | φ 3.175 | 15mm | 4.0mm gold |
| CY-600002-25 | 3650/4Y | 900 | <24V | 38A | 4 | 1.0A | 0.0212 | 2050 | 50000 | 50mm | 36mm | 180 | φ 3.175 | 15mm | 4.0mm gold |
| CY-600002-26 | 3650/5Y | 900 | <30V | 30A | 4 | 0.7A | 0.0318 | 1650 | 50000 | 50mm | 36mm | 180 | φ 3.175 | 15mm | 4.0mm gold |

| Number | Product | Watts | Max voltage | Max Amps | Rotor Poles | IO | Resistance | Kv (RPM/Volt) | Max RPM | Length | Diameters | Weight(g) | Shaft(mm) | Length of extend shaft | Connector |
|--------------|-----------|-------|-------------|----------|-------------|------|------------|---------------|---------|--------|-----------|-----------|-----------|------------------------|------------|
| CY-600004-31 | 3660/3T | 1200 | <12V | 100A | 4 | 3.7A | 0.0058 | 4300 | 50000 | 55mm | 36mm | 195 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-32 | 3660/3.5T | 1200 | <13V | 92A | 4 | 2.8A | 0.0083 | 3800 | 50000 | 55mm | 36mm | 195 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-33 | 3660/4T | 1200 | <15V | 80A | 4 | 2.3A | 0.0095 | 3300 | 50000 | 55mm | 36mm | 195 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-34 | 3660/5T | 1200 | <19V | 63A | 4 | 1.5A | 0.0146 | 2600 | 50000 | 55mm | 36mm | 195 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-35 | 3660/3Y | 1200 | <21V | 57A | 4 | 1.3A | 0.0152 | 2350 | 50000 | 55mm | 36mm | 195 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-36 | 3660/3.5Y | 1200 | <26V | 46A | 4 | 1.2A | 0.0231 | 1950 | 50000 | 55mm | 36mm | 195 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-37 | 3660/4Y | 1200 | <28V | 43A | 4 | 1.0A | 0.0258 | 1750 | 50000 | 55mm | 36mm | 195 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-38 | 3660/5Y | 1200 | <36V | 33A | 4 | 0.7A | 0.0378 | 1400 | 50000 | 55mm | 36mm | 195 | φ 5 | 17mm | 4.0mm gold |

| Number | Product | Watts | Max voltage | Max Amps | Rotor Poles | IO | Resistance | Kv (RPM/Volt) | Max RPM | Length | Diameters | Weight(g) | Shaft(mm) | Length of extend shaft | Connector |
|--------------|-----------|-------|-------------|----------|-------------|------|------------|---------------|---------|--------|-----------|-----------|-----------|------------------------|------------|
| CY-600004-39 | 3665/2Y | 1400 | <16.8V | 80A | 4 | 3.8A | 0.0061 | 3100 | 50000 | 65mm | 36mm | 245 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-40 | 3665/2.5Y | 1400 | <16.8V | 75A | 4 | 2.9A | 0.0116 | 2600 | 50000 | 65mm | 36mm | 245 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-41 | 3665/3Y | 1400 | <16.8V | 60A | 4 | 1.9A | 0.0162 | 2100 | 50000 | 65mm | 36mm | 245 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-42 | 3665/3.5Y | 1400 | <16.8V | 52A | 4 | 1.6A | 0.0235 | 1800 | 50000 | 65mm | 36mm | 245 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-43 | 3665/4.0Y | 1400 | <16.8V | 45A | 4 | 1.2A | 0.0266 | 1550 | 50000 | 65mm | 36mm | 245 | φ 5 | 17mm | 4.0mm gold |

| Number | Product | Watts | Max voltage | Max Amps | Rotor Poles | IO | Resistance | Kv (RPM/Volt) | Max RPM | Length | Diameters | Weight(g) | Shaft(mm) | Length of extend shaft | Connector |
|--------------|-----------|-------|-------------|----------|-------------|------|------------|---------------|---------|--------|-----------|-----------|-----------|------------------------|------------|
| CY-600004-44 | 3670/2Y | 1600 | <18.5V | 86A | 4 | 4.2A | 0.0069 | 2650 | 50000 | 70mm | 36mm | 275 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-45 | 3670/2.5Y | 1600 | <23V | 70A | 4 | 3.0A | 0.0121 | 2150 | 50000 | 70mm | 36mm | 275 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-46 | 3670/3Y | 1600 | <26V | 60A | 4 | 2.4A | 0.0165 | 1900 | 50000 | 70mm | 36mm | 275 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-47 | 3670/4Y | 1600 | <37V | 43A | 4 | 1.5A | 0.0281 | 1350 | 50000 | 70mm | 36mm | 275 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-48 | 3670/5Y | 1600 | <42V | 38A | 4 | 1.0A | 0.0386 | 1100 | 50000 | 70mm | 36mm | 275 | φ 5 | 17mm | 4.0mm gold |

| Number | Product | Watts | Max voltage | Max Amps | Rotor Poles | IO | Resistance | Kv (RPM/Volt) | Max RPM | Length | Diameters | Weight(g) | Shaft(mm) | Length of extend shaft | Connector |
|--------------|-----------|-------|-------------|----------|-------------|------|------------|---------------|---------|--------|-----------|-----------|-----------|------------------------|------------|
| CY-600004-49 | 3674/2Y | 1800 | <22.2V | 80A | 4 | 4.0A | 0.0076 | 2250 | 50000 | 74mm | 36mm | 305 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-50 | 3674/2.5Y | 1800 | <26V | 70A | 4 | 3.1A | 0.0132 | 1900 | 50000 | 74mm | 36mm | 305 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-51 | 3674/3Y | 1800 | <32V | 56A | 4 | 2.6A | 0.0161 | 1580 | 50000 | 74mm | 36mm | 305 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-52 | 3674/3.5Y | 1800 | <37V | 50A | 4 | 2.1A | 0.0258 | 1350 | 50000 | 74mm | 36mm | 305 | φ 5 | 17mm | 4.0mm gold |
| CY-600004-53 | 3674/4Y | 1800 | <42V | 43A | 4 | 1.6A | 0.0298 | 1150 | 50000 | 74mm | 36mm | 305 | φ 5 | 17mm | 4.0mm gold |