



Home > Products > Motor power-Brushless Motor > 5 HP Brushless DC Motor



## 72V 5500W 3680rpm Brushless Electric Motor With Controller

Model Number:	VOL-BL550C72
Type:	Brushless DC Motor
Output Power:	5.5KW
DC Voltage:	72V
Speed Range:	3680 RPM
Poles:	4P, 6P, 8P...

Detailed information	
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Brand Name:	Volcano Electric	Model Number:	VOL-BL550C72	Type:	Brushless DC Motor
Output Power:	5500W	DC Voltage:	72V	Speed Range:	3680 RPM
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class B/F/H
Enclosure:	IP44/IP54	Poles:	4P, 6P, 8P...	Wire:	100% copper
Current:	100A	Sensor:	Hall sensor, Optional	Certification:	CE,UL,ROHS
Housing:	Aluminum frame	Efficiency:	up to 86		
Duty:	S1 (continuous)	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC/NEMA
Application:	Boat, Car, EV, Fan, Home Appliance, Traction Motor, Pump, bus A/C systems ,Other				

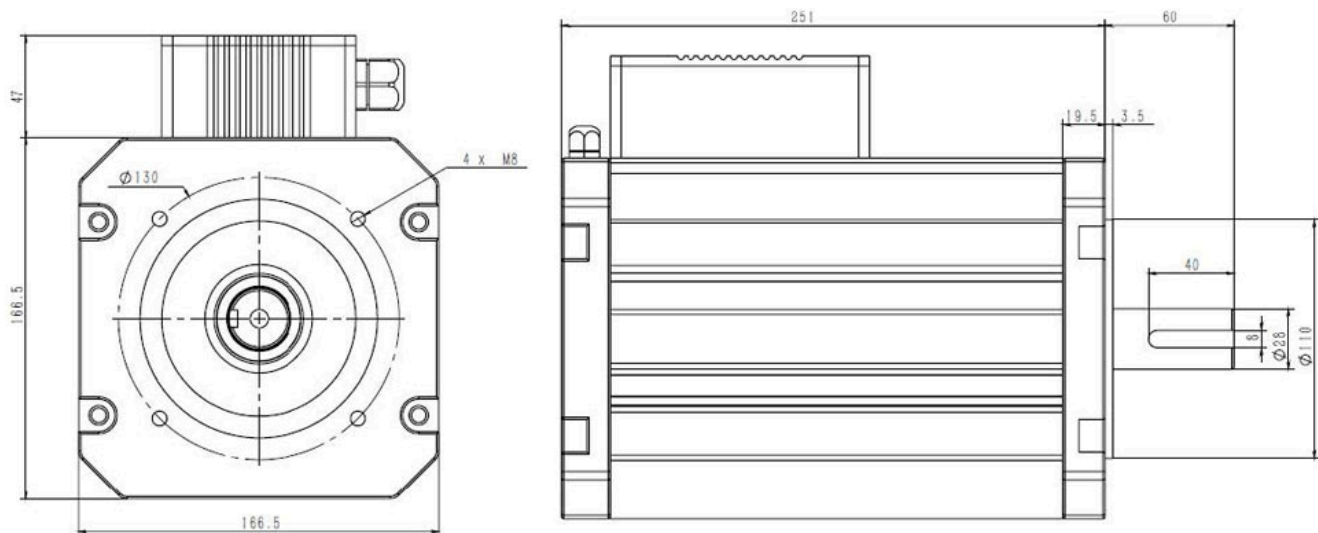
**Product Description**

Volcano electric BLDC Motor 72V, 5500W, 3680RPM, IP54 duty continues, along with hall sensor , controller. The gross weight of the motor is 20kgs. Motor efficiency is 86%. Rated torque is 14.27N.m. The current can be as high as 100A, so we provide junk box for this motor. All the motor details are showing on our motor. If you need the wire connection instruction, we can also send document for process.

Our sample time for this motor is about 4 weeks, we also have our own neodymium magnet factory. Our package is all standard for different size of motor.

If you have interesting for this motor, please feel free to contact us by [info@volcanomotor.com](mailto:info@volcanomotor.com)

### Configuration



**\*CAN MAKE ACCORDING TO YOUR REQUIRMENT**

### Brushless motor list

Motor type	Output	Voltage	Load	Speed	Rated Torque	Poles	Efficiency	Noise
	KW	V	A	RPM	N.m		%	dB
VOL-BL020C24	0.2	24	10.7	1500	1.27	8	89	62
VOL-BL090C24	0.9	24	44.6	2600	3.31	8	84	60
VOL-BL100C30	1	30	43	1200	7.96	8	88	60
VOL-BL120C24	1.2	24	64.5	2300	4.98	8	89	60
VOL-BL120C36	1.2	36	39.7	2270	5.05	8	84	60
VOL-BL125C24	1.25	24	62	3200	3.73	8	84	60
VOL-BL550C72	5.5	72	98.5	3680	14.27	8	90	60
VOL-BL400C72	4	72	71.17	2580	14.81	8	85	61
VOL-BL400C48	4	48	107	2580	14.81	8	89	61
VOL-BL150C48	1.5	48	40.3	1800	7.96	8	90	61.5
VOL-BL100C48	1	48	26.9	2500	3.82	8	84.7	61.5

### Advantages of Brushless DC motor:

- Lower Maintainance and longer lifetime - no brush and commutator erosion
- Lower noise - the elimination of brush contact
- Higher power to weight ratio
- Higher efficiency ( in general higher than 90%)
- Lower temperature rise - more efficient heat dissipation due to winding construction
- Simple structure
- Reduction of EMI

For customized DC Motors, please contact our technician, Ordinary, we have to know the following information to get a professional proposal:

- **Brushed or Brushless** Customer preference
- **Output power (W)** Horsepower/watts/torque rated at full load speed
- **Voltage (V)** i.e 12v DC ..... 220v AC
- **Motor speed (RPM)** Revolutions per minute of the shaft at full load Voltage
- **Application** e.g. traction, airconditioning, etc.
- **Duty** Most motors are rated continuous. Some applications however may use motors designed for intermittent duty
- **Configuration/Frame** Our products are according to IEC standard, we also can customize the flange and shaft according to the customer drawing

- **Controller function** e.g. forward/reverse, variable speed, acceleration profile, etc.

Previous 0.35~2.5N.m Encoder Driver Hybrid Stepping Motor 18900 Holding Torque

Next 251mm 72V 4KW Hall Sensor BLDC Motor With

Controller

You may like:

				
48v 4.5kw 1500rpm BLDC Motor	251mm 72V 4KW Hall Sensor BLDC Motor With Controller	251mm 48V 4000W 2580rpm Hall Sensor With Controller BLDC Motor	48V 4100W High Power NEMA Frame BLDC Motor	Customized 4.5kw 72v 1500rpm Brushless Dc Motor

			
6hp 3000rpm Powerful Brushless Dc Motor	5kw 72v Brushless Dc Motor With Hall Sensor	5.5HP 48V High Power Brushless DC Motors	5500W High Power High RPM BLDC Motors

DC Motor Manufacturer & Supplier in China  
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