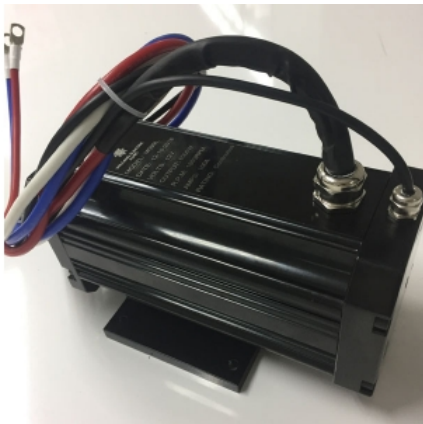




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# 12V 1000W 1500RPM BLDC Motor With Hall Sensor

Model Number:	VOL-BL100C12
Type:	Brushless DC Motor
Output Power:	1KW
DC Voltage:	12V
Speed Range:	3000 RPM
Poles:	4P, 6P, 8P...

Detailed information	
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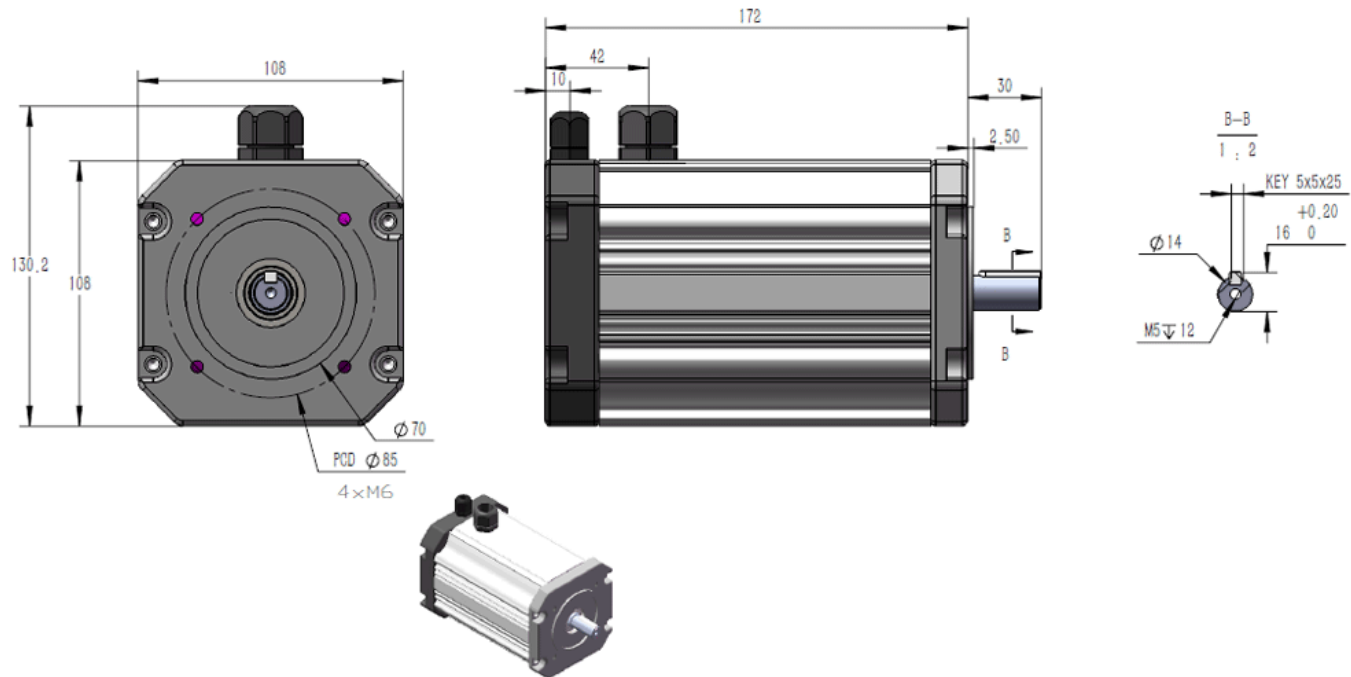
Brand Name:	Volcano Electric	Model Number:	VOL-BL100C12	Type:	Brushless DC Motor
Output Power:	1KW	DC Voltage:	12V	Speed Range:	3000 RPM
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class B/F/H
Enclosure:	IP44 / IP54	Poles:	4P, 6P, 8P...	Wire:	100% copper Coil
Current:		Sensor:	Hall sensor	Certification:	CE,UL,ROHS
Housing:	Aluminum frame	Efficiency:	up to 90%		
Duty:	S1 (continuous)	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC / Custom
Application:	Boat, Car, EV, Fan, Home Appliance, Traction Motor, Pump, bus A/C systems ,Other				

**Product Description**

This 12V 1000W 1500RPM Volcano BLDC Motor is a low voltage with high efficiency motor. We have this motor on our standard production line, by saying standard motor production line which means if you purchase this motor, we can choose form our existing tool to start the production, no need built new model which is costly. And for standard motor, we can share the motor drawing and motor testing report any time you need. Leading time for Volcano Standard motor is 4 weeks after we received the payment.

This motor is applied for electric car, working condition is duty continues, under IP54 level. With rated torque value 6.37, loading current 71.7A. Inside motor, we use 8pcs magnets per rotor. If you have interesting for this motor, please feel free to contact us by 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-BL090C24	0.9	24	44.6	2600	3.31	8	84	60
VOL-BL100C12	1	24	71.7	1500	6.37	8	85	60
VOL-BL120C24	1.2	24	63.3	4200	2.73	8	79	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-BL130C36	1.3	36	40.12	3200	3.88	8	90	60
VOL-BL150C24	1.5	24	73.5	2590	5.53	8	85	61
VOL-BL150C72	1.5	72	23.5	3200	4.48	8	89	61
VOL-BL200C24	2	24	98.6	3360	5.68	8	84.5	61.5
VOL-BL250C24	2.5	24	123	3350	7.13	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
- Higher speed range- no limit of brushes and commutator

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 76V 400W 2000RPM IP54 BLDC Motor      Next 2HP 24V 3500RPM Hall Sensor Brushless DC Motor

You may like:

				
Hall Sensor BLDC Motor 370W 12V For EV Application	24v 500w Higher Efficiency Hallsensor Bldc Motor	76V 400W 2000RPM IP54 BLDC Motor	Sensored 12v 0.5hp 3000rpm Bldc Motor	12v 600w 1800rpm Brushless Dc Motor With Hall Sensors

				
Customized 700W 24V Brushless DC Motor	1500RPM 400W 12V High torque Brushless DC Motor	600W 1800RPM 48V DC Brushless Motor	150W Brushless DC Motor In Textile Machinery	560W 24V 2250RPM Brushless DC Motor

DC Motor Manufacturer & Supplier in China  
Email: info@volcanomotor.com | Tel: 86-18157453060

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