



POWER CIRCLING



Brushless DC EV

Feature:

- * Variable speed available.
- * Compact, low noise, energy-saving, high efficiency and reliability.
- * Low temperature rise, durability and long lifetime.
- * Entirely designed and made in Taiwan.



Motor protections:

- * Locked-rotor protection.
- * Over current protection.
- * Soft start protection.
- * Over temperature protection.
- * Over and lower voltage protection.
- * Fully enclosed and waterproof.

Applications:

- * Main power of compact EV.
- * Hydraulic pump.
- * Special purpose.
- * Main power of boat.
- * Auxiliary power of ship.

Brushless VS. Brushed motor

	Brushed	Brushless DC
Power consumption	✗	◎
Noise	△	◎
Torque per weight	◎	◎
Soft start	✗	◎
Weight	✗	◎
Lifetime	✗	◎

◎good △average ✗bad



Specification:

Model	Voltage (Vdc)	Current (A)	Torque (N-m)	Speed (RPM)	Output (KW)
D24W04-37	24	20	1.00	3700	0.4
D24W05-43	24	27	1.13	4300	0.5
D24W11-66	24	67	1.62	6600	1.1
D48W09-17	48	25	5.41	1700	0.9
D48W09-40	48	23	2.26	4000	0.9
D48W12-24	48	34	5.30	2400	1.2
D48W15-40	48	39	3.73	4000	1.5
D48W20-34	48	52	5.79	3400	2.0
D48W20-40	48	48	4.91	4000	2.0
D48W25-30	48	57	8.24	3000	2.5
D48W30-45	48	70	6.38	4500	3.0
D48W35-70	48	82	4.81	7000	3.5
D72W40-44	72	62	8.83	4400	4.0
D72W50-44	72	80	11.77	4400	5.0
D72W65-47	72	102	13.73	4700	6.5