



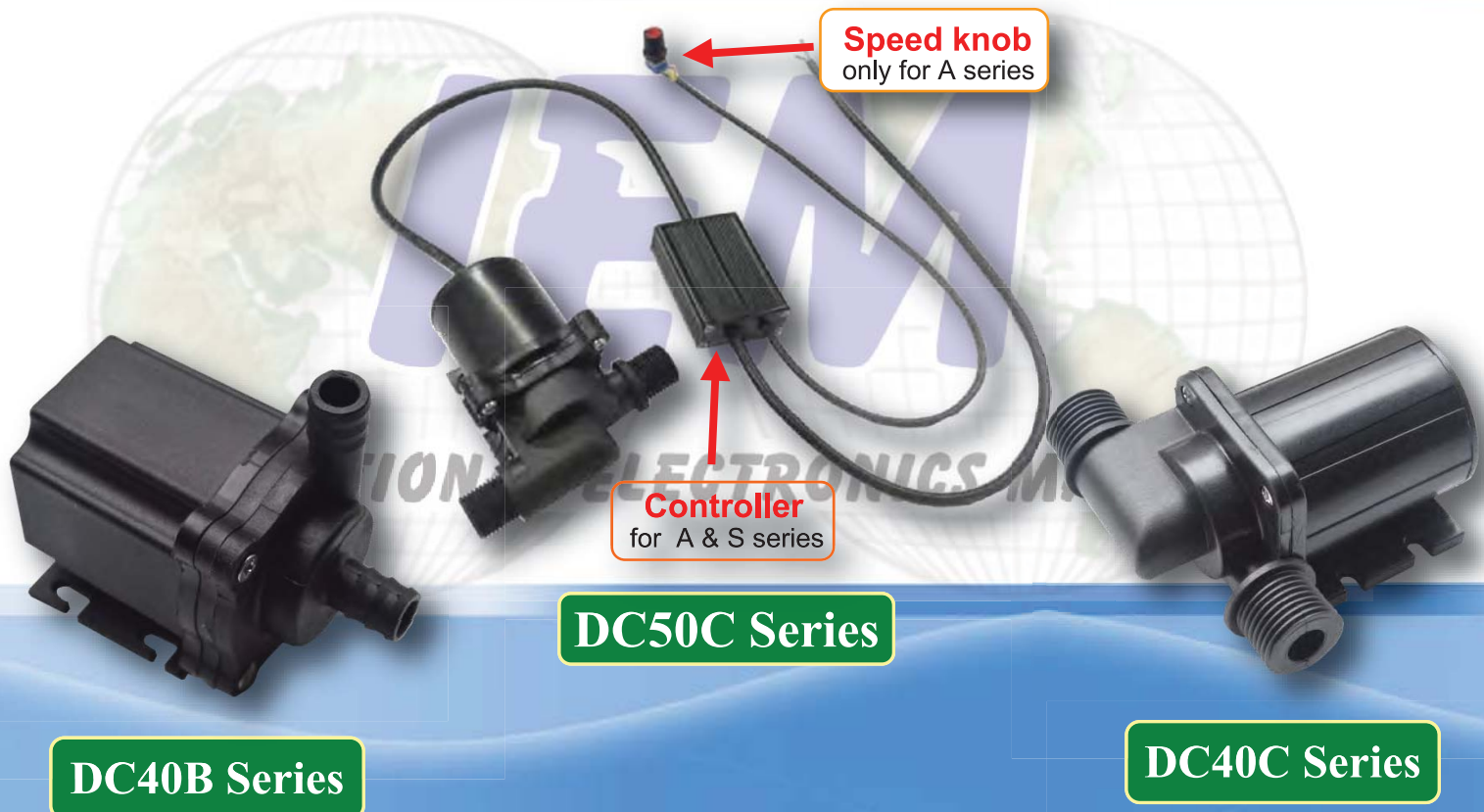
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PAD USA inc. has been in business since 1984. We specialize in small to medium size pumps and motors. We also have the capabilities to do custom modifications. We have been able to save our customers thousands of dollars using our multiple manufacturing locations to offer exactly what they need. Our first priority is to our customers, to provide top quality parts while maintaining customer satisfaction. Technical support is available from the large number of FAE's we have available.



The advantages of our pumps

- Brushless, permanent magnetic rotor, maintenance-free, long life.
- Small size, high efficiency, low consumption, low noise.
- Ceramic sleeve and ceramic shaft 【optional】.
- Stator and circuit board sealed by epoxy resin, completely water proof.
- Parameter adjustable, 12v pump's head can be 2m to 4.5m.
- Can be customized.

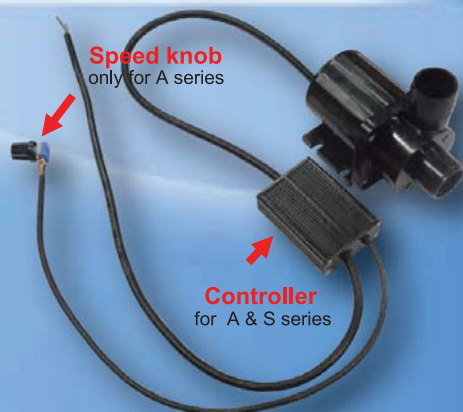
DC40A Series



NO	Items	Specs
1	Sizes and weight	83x63x48; 250g
2	Dimension of inlet	13.8mm
3	Dimension of outlet	13.3mm
4	Driving method	Brushless, Magnetic , 2 phase or 3 phase
5	Pump material	PA66+glass fiber (optional)
6	Condition of use	Continuously
7	Fluids	Water, oil, gasoline, acid and alkali solution etc
8	Max working temperature	60 °C (2 phase) or 100 °C (3 phase)
9	Power consumption	3.25W~28.8W
10	Rated voltage	12Vdc or 24Vdc
11	Voltage used	5Vdc ~ 12Vdc or 5Vdc ~ 24Vdc
12	Max rated current	1.2A
13	Max flow rate	12L/MIN(3.2G/MIN)
14	Max Static Head	6m(19.4ft)
15	Noise	<35dB
16	Water proof class	IP68(can be submersible installed)
17	Life span	More than 30000hrs
18	Power supply	Solar panel; DC electric source; battery

DC50A Series

Note: DC50A is divided into three series, refer to the Mode note.



NO	Items	Specs
1	Sizes and weight	51x34x42.7; 50g
2	Dimension of inlet	Optional (10mm or 8mm or 6mm)
3	Dimension of outlet	Optional (8mm or 5mm or 6mm)
4	Driving method	Brushless, Permanent Magnetic , 2 phase
5	Pump material	ABS+PC (optional)
6	Condition of use	Continuously
7	Fluids	Water, oil, gasoline, acid and alkali solution etc
8	Max working temperature	60 Celsius
9	Power consumption	0.5W~4.2W
10	Rated voltage	12Vdc
11	Voltage used	4.5Vdc ~ 12Vdc
12	Max rated current	350mA
13	Max flow rate	4L/MIN(1.06G/MIN)
14	Max Static Head	3m(9.8ft)
15	Noise	<40dB(most 35dB)
16	Water proof class	IP68(can be submersible installed)
17	Life span	More than 30000hrs
18	Power supply	Solar panel; DC electric source; battery

DC40B Series



NO	Items	Specs
1	Sizes and weight	105.5x84x64; 480g
2	Dimension of inlet	27mm
3	Dimension of outlet	27mm
4	Driving method	Brushless, Magnetic , 2 phase or 3phase
5	Pump material	PA66+GF30% (optional)
6	Condition of use	Continuously
7	Fluids	Water, oil, gasoline, acid and alkali solution etc
8	Max working temperature	60 °C (2 phase) or 100 °C (3 phase)
9	Power consumption	2.5W~45.6W (2 phase) 2.5W~86.4W (3 phase)
10	Rated voltage	12Vdc or 24Vdc
11	Voltage used	5Vdc ~ 12Vdc or 5Vdc ~ 24Vdc
12	Max rated current	1.9A (2 phase) or 3.6A (3 phase)
13	Max flow rate	42L/MIN(9.5G/MIN) — 2 phase 60L/MIN(12G/MIN) — 3 phase
14	Max Static Head	3.5m(11.5ft) — 2 phase 5m(16.5ft) — 3 phase
15	Noise	<40dB
16	Water proof class	IP68(can be submersible installed)
17	Life span	More than 30000hrs
18	Power supply	Solar panel; DC electric source; battery