

MOTOR											
MAKE	Model	Power (kW)	Power Measurement	hp Equivalent	Voltage (V)	Weight (kg)	Steering Options	Motor Type	Notes	CAD Dealer?	
Country of Origin											
<a href="#">ACEL</a>	IE 50	not listed	in hp, continuous/peak	50/75	400	127	not listed	Axial flux	3 battery modules recommended	Yes	
Canada	IE 75	not listed	in hp, continuous/peak	70/115	400	140	not listed	Axial flux	3 battery modules recommended		
	IE 150	not listed	in hp, continuous/peak	150/200	800	173	not listed	Axial flux	6 battery modules recommended		
	IE 250	not listed	in hp, continuous/peak	250/350	800		not listed	Axial flux	12 battery modules recommended		
<a href="#">AQUAMOTT</a>	A80e	8.69/8	input/output	n/a	48	42	remote	AC 3 phase		Yes	
Austria	A100e	10.87/10	input/output	n/a	72	44	remote	AC 3 phase			
	A110e	11.95/11	input/output	n/a	48	55	remote	AC 3 phase	"Trend" line also available in sizes from 1-25kW		
	A150e	16.3/15	input/output	n/a	48	56	remote	AC 3 phase			
	A200e	21.69 /20	input/output	n/a	96	58	remote	AC 3 phase			
	A250e	27.08/25	input/output	n/a	96	59	remote	AC 3 phase			
<a href="#">AQUAWATT</a>	Green Power 13	15.5/13	input/output	20	48	52	remote/tiller	brushless, AC induction		No	
Austria	Green Racing 22	26/22	input/output	35	80	63	remote/tiller	brushless, AC induction			
	Green Thruster 22	26/22	input/output	35	80	94	remote	AC 3 phase induction			
	Green Flash 42	50/42	input/output	70	144	98	remote	AC 3 phase induction			
<a href="#">AS LABRUNA E-VISION</a>	E-X 10	6.5	input	n/a	48	24	tiller	brushless DC		?	
Italy	E-X20	11.5	input	n/a	48	29	tiller	brushless DC			
	E'Dyne 1120	11	input	n/a	48	45	remote	brushless DC			
	E'Dyne 2035	20	input	n/a	96	45	remote	brushless DC			
<a href="#">E-TECH (STARBOATS)</a>	Outboard Pod 7	7.5	output	n/a	48	not listed	remote	brushless PM	prop sold separately	No	
Poland	Outboard Pod 10	10.9	output	n/a	48	not listed	remote	brushless PM	prop sold separately		
	Outboard Pod 15	16.6	output	n/a	72	not listed	remote	brushless PM	prop sold separately		
<a href="#">ECLASS OUTBOARDS</a>	6Kw	6	continuous	20	96	44	tiller	not listed	uses gas outboard chassis	No	
Australia	10kW	10	continuous	20	96	55	tiller	not listed	uses gas outboard chassis		
	12kW	12	continuous	30	96	56	tiller	not listed	uses gas outboard chassis		
	20kw twist throttle	20	continuous	40	96	70	tiller	not listed	uses gas outboard chassis		
	30kW	30	continuous	60	96	99	remote	not listed	uses gas outboard chassis		
	18/20kW	18/20	not specified	40	not listed	80	remote	not listed	uses gas outboard chassis		
<a href="#">ELCO</a>	EP 9.9	4.8	continuous	9.9	48	29.5	remote/tiller	PMAC	uses gas outboard chassis	Yes	
USA	EP 14	6.2	continuous	14	48	38.5	remote/tiller	PMAC	uses gas outboard chassis		
	EP 20	8.4	continuous	20	48	38.5	remote/tiller	PMAC	uses gas outboard chassis		
	EP 30	15.5	continuous	30	96	41	remote/tiller	PMAC	uses gas outboard chassis		
	EP 50	38.4	continuous	50	96	95	remote/tiller	PMAC	uses gas outboard chassis		
<a href="#">ELECTRINE</a>	ZO 40	23/43	continuous/peak	40	~72-96	95	remote	not listed		No	
South Korea	ZO 60	43/60	continuous/peak	60	~288-384	110	remote	not listed			
	ZO 90	65/110	continuous/peak	90	~288-384	150	remote	not listed			
	ZO 115	84/150	continuous/peak	115	~288-384	150	remote	not listed			
	ZO 180	133/173	continuous/peak	180	~288-384	n/a	remote	not listed			
<a href="#">ELECTRO-MOBILE</a>	EMS	10	output	not listed	not listed	not listed	tiller	brushless		No	
<a href="#">EP TECHNOLOGIES</a>	Falcon 130	130/220	continuous/peak	not listed	400-800	160-200	remote	Axial flux	rotating propellor hub	No	
Denmark	Falcon 230	230/430	continuous/peak	not listed	550-850	not listed	remote	Axial flux	rotating propellor hub		

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<b>EPROPULSION</b>	Navy Evo	6	output	not listed	48	29	remote/tiller	DC brushless		Yes
China	X12	12	output	not listed	48	47	remote	DC brushless		
	X20	20	output	not listed	96	79	remote	DC brushless		
	X40	40	output	not listed	96	104	remote	DC brushless		
<b>EVOA</b>	E1	not listed	not specified	100-225 hp	not listed	not listed	not listed	axial flux	"scalable 100-225 hp"	?
USA										
<b>EVOY</b>	Breeze	90/137	continuous/peak	120+	400	320	remote			No
<b>Norway</b>	Storm	225/450	continuous/peak	300+	800	480	remote			
<b>FLUX</b>	FM 115	86/130	continuous/peak,output	115/170	not listed	not listed	remote	not listed		No
USA										
<b>GOLDEN MOTOR</b>	EZ-X10	6.5	input	10	48	26	remote/tiller	DC brushless		No
China	EZ-X20	10.5	input	20	48	29	remote/tiller	DC brushless		
<b>HURACAN</b>	Argon EP120	120	not specified	n/a	400	152	remote	not listed		No
Italy	Argon Light	40	not specified	n/a	250	55	remote	not listed	Designed to mount on boat with stern platform.	
	Argon Speed	40	not specified	n/a	250	57	remote	not listed	Designed to mount on boat with stern platform.	
<b>ILMOR ION</b>	Ion 6	6	not specified	9.9	48	32	remote	DC brushless		No
USA										
<b>MERCURY AVATAR</b>	20e	2.7/2.2	input/output	n/a	48	21	remote/tiller	transverse flux		Yes
USA	35e	4.4/3.7	input/output	n/a	48	21	remote/tiller	transverse flux		
	75e	8.6/7.5	input/output	n/a	48	54	remote/tiller	transverse flux		
	110e	12.8/11	input/output	n/a	48	56	remote	transverse flux		
<b>MITEK</b>	MO 9.9	7.2	input	9.9	48	27	tiller	PMSM brushless		Yes
Italy	MO 15	10	input	15	48	49	tiller	PMSM brushless		
	MO 20	5	input	20	48	56	remote	PMSM brushless		
	MO 30	13	input	30	48	72	remote	PMSM brushless		
	MO 40	30	input	40	96	96	remote	PMSM brushless		
	MO 60	45	input	60	200	146	remote	PMSM brushless		
	MO 80	60	input	80	400	152	remote	PMSM brushless		
<b>MOLABO</b>	Aries R50	50	input	n/a	48	120	remote	PM-u assisted synchronous reluctance motor		No
Germany										No
<b>MOMENTUM</b>	M10	10	not specified	20	72	28	tiller/remote	not listed		Yes
Singapore										
<b>PARSUN</b>	Joy 6.0	6	input	9.9	48	35	tiller/remote	PMSM		Yes
China										
<b>PHOTON MARINE</b>	P300	not listed	continuous/peak	150/300	not listed	170	remote	not listed	Partnering with boatbuilders, with a focus on workboats.	?
USA										
<b>RAD PROPULSION</b>	RAD 40	40	not specified	60	400	98	remote	axial flux		No
UK	RAD 120	120	not specified	not listed	350-450	175	remote	axial flux		
<b>RIM DRIVE</b>	Steerable Outboard 11.0	11	nominal power	not listed	48	62	remote	rim drive	Prop blades are fixed to rim rather than hub/axle.	Yes
Netherlands	Steerable Outboard 15.0	15	nominal power	not listed	48	70	remote	rim drive		

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<b>STEALTH</b> USA	Stealth 40 hp	not listed	not specified	40	120	not listed	remote	not listed	uses Yamaha chassis	No
	Stealth 50 hp	not listed	not specified	50	144	not listed	remote	not listed	uses Yamaha chassis	
	Stealth 60 hp	not listed	not specified	60	144	not listed	remote	not listed	uses Yamaha chassis	
	Stealth 70 hp	not listed	not specified	70	144	not listed	remote	not listed	uses Yamaha chassis	
<b>STREAM</b> Sweden	Stream 15	13/16	continuous/peak	18/22	96	82	remote	DC synchron		No
	Stream 30	23/34	continuous/peak	31/46	96	96	remote	DC synchron		
	Stream 50	38/45	continuous/peak	52/61	96	96	remote	DC synchron		
<b>TOHATSU / IMOR</b> Japan?	MEP 6.0A Alaris	6	not specified	9.9	not listed	32	remote	DC brushless		Yes
<b>TORQEEDO</b> Germany	Cruise 6	6	input, continuous	9.9	48	21	tiller/remote	DC brushless		Yes
	Cruise 12	12	input, continuous	25	48	60	remote	DC brushless	requires 2-48-5000 batteries	
	Cruise 10	10-12	input, continuous/peak	20	48	60	tiller	DC brushless	requires 2-48-5000 batteries	
	DeepBlue 25R	25/30	output, continuous/peak	40	350	140	remote	not listed		
	DeepBlue 50R	50/60	output, continuous/peak	80	350	139	remote	not listed		
<b>VISION MARINE</b> Canada (Que)	E-Motion 180E		in hp, output/continuous	180	gh voltage		remote	not listed	180 hp continuous, measured at prop	Yes
<b>ZERO JET</b> New Zealand	not listed	15	not specified	20	48	39	tiller/remote	not listed	jet propulsion, direct drive system	No
	not listed	22	not specified	30	48	39	tiller/remote	not listed		
	not listed	30	not specified	40	48	39	tiller/remote	not listed		

<b>Motor Type</b>	<i>As described by the manufacturer.</i>
<b>PMSM</b>	Permanent Magnet Synchronous Motor
<b>PMAC</b>	Permanent Magnet AC Motor
<b>Power</b>	<i>Manufacturers vary in how they describe power of their electric outboards.</i>
<b>Input power</b>	the amount of power used by the motor.
<b>Output power</b>	the amount of power generated by the motor, measured at the shaft or propellor.
<b>Peak power</b>	the maximum amount of power the motor can generate for a short burst.
<b>Continuous power</b>	the amount of power the motor can generate for a sustained period of time, without overheating or sustaining damage.
<b>Horsepower equivalent</b>	a description of how the performance compares to a gas outboard, taking into account torque, acceleration, motor efficiency and other factors.

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