

**Got any questions?
We're here to help!**

+31 521 36 1099

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Do you have any questions or need personal advice? Schedule a consultation with one of our experts to find the best propulsion solution for your customer and application.



Masters
in electric
propulsion



Outboard 25

Continuous power output 2,0 kW

The motors are available with short or long shafts and can optionally include remote control features such as throttle, ignition switch, and battery monitor. For remote control, the motor is fitted with a rudder instead of a throttle handle for better control and ease of use.

Specs

Technical data	Motortype	SMPM
	Framesize	50 M
	Nominal bus voltage	48 VDC
	Model	POD
	Maximum stator current	68,43 A
	Rated speed	1500 min ¹
	Rated voltage	48 VDC
	Min. voltage	43,2 VDC
	Motor constant	0,30 Nm/A
	Rated phase current	42,49 A
	Rated torque	12,80 Nm
	Rated power S1 @ 48VDC 1500rpm	2011 Watt
	Peak power S2-10	2654 Watt
	Constant electric	19,53 V/k-rpm
	Induction LS	0,053 mH
	Resistance of winding	79,532 mΩ
	Winding class	F
	Max. operating temperature	120°C
	Weight	22 kg
	Efficiency @ rated speed-torque	92,87%
	Number of poles	12

Torque map		RPM	Nm
	Standstill peak	0	21,00
	Limit point	1220	20,77
	No load max	1640	0,64
	Standstill nominal	0	13,57
	Utilizable	1400	12,85
	No load max	1640	0,64

Controller	Type	48-275
	Nominal voltage	48 VDC
	Continuous current (60min.)	110 A
	Peak current (2min.)	275 A
	Boost current (10sec.)	330 A
	Cooling	Heatsink
	Max. amb. temp.	42°C
	Efficiency	95,5%

Propeller (not included)	Material	Aluminium
	Diameter (aprox.)	9 X 7 Inch
	For shaft diameter	16 mm
	Weight	1,0 kg
	Type	Pin Drive

Transom mount	Short	15 Inch
	Long	20 Inch
	Extra Long	25 Inch

Optional	Remote control (wired) including:	
	Joystick	
	Battery minitor	
	Rudder lever	
	Keyswitch	