

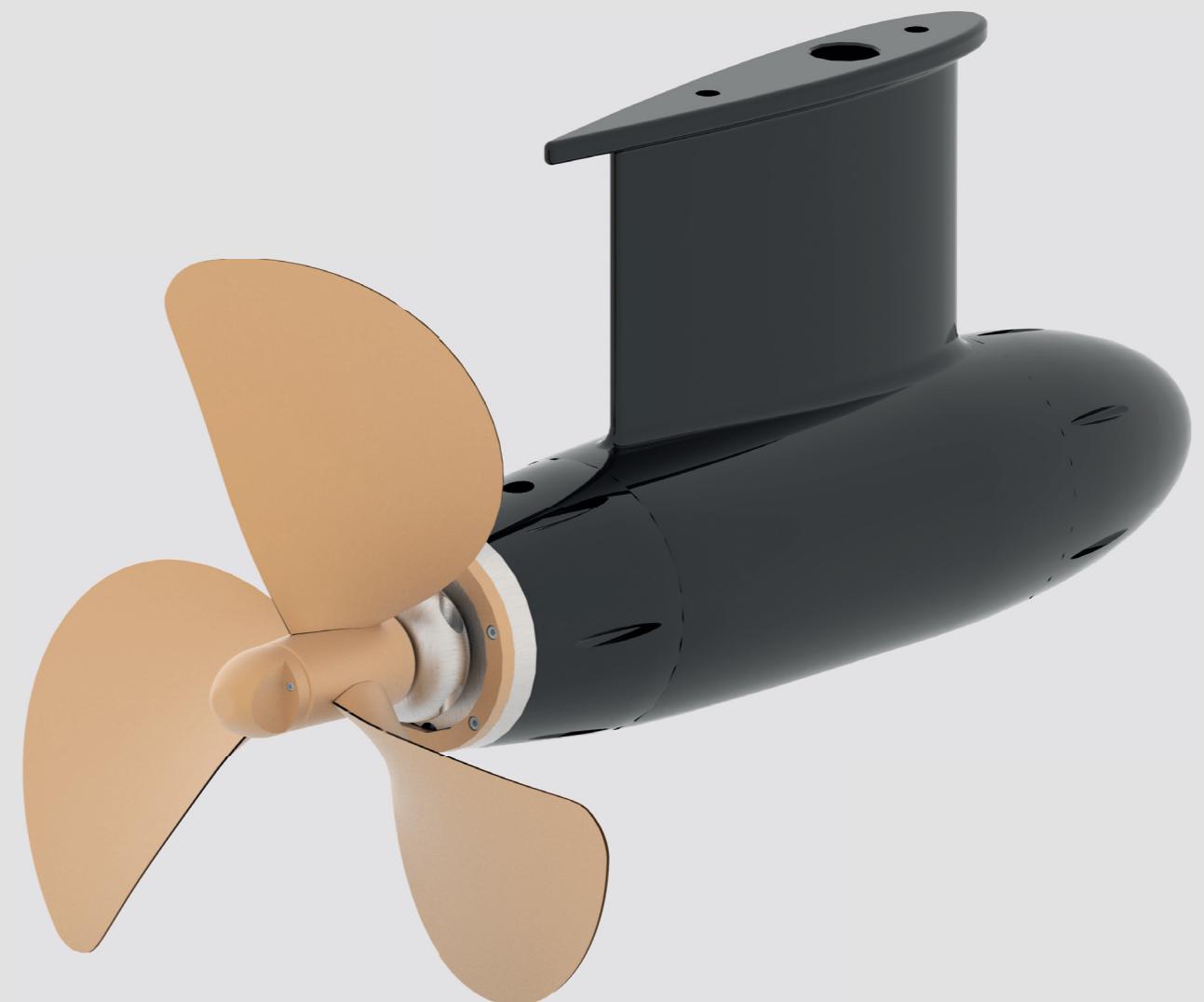
Got any questions?
We're here to help!

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Masters
in electric
propulsion



Pod 60

Continuous power output 4,0 kW

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.

The Pod 60 provides quiet, powerful performance with efficient direct drive technology. Made from seawater-resistant materials, it is durable, low-emission, and easy to install.

Specs

Technical data

Motortype	SMPM
Framesize	50 EL
Nominal bus voltage	51,2 VDC
Model	POD
Maximum stator current	146,66 A
Rated speed	1500 min ¹
Rated voltage	51,2 VDC
Min. voltage	46,08 VDC
Motor constant	0,27 Nm/A
Rated phase current	93,886 A
Rated torque	25,30 Nm
Rated power S1 @ 51,2VDC 1500rpm	3974 Watt
Peak power S2-10	6042 Watt
Constant Electric	17,47 V/k-rpm
Induction LS	0,25 mH
Resistance of winding	39,019 mΩ
Winding class	F
Max. operating temperature	120 °C
Weight	22 kg
Efficiency @ rated speed-torque	93,44%
Number of poles	12

Torque map

	RPM	Nm
Standstill peak	0	40,25
Limit point	1450	39,79
No load max	1900	1,27
Standstill nominal	0	26,96
Utilizable	1400	25,44
No load max	1900	1,27

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%

Dimensions (enclosure)

Height	300 mm
Width	300 mm
Depth	220 mm
Weight	9,5 kg
IP	54

Joystick

Cycle live (more than)	2 Million
Weight	0,85 kg
IP	55

Included

Dc-dc converter	
Input voltage	48 VDC
Input current	5 A
Output voltage	12 VDC
Output current	20 A