

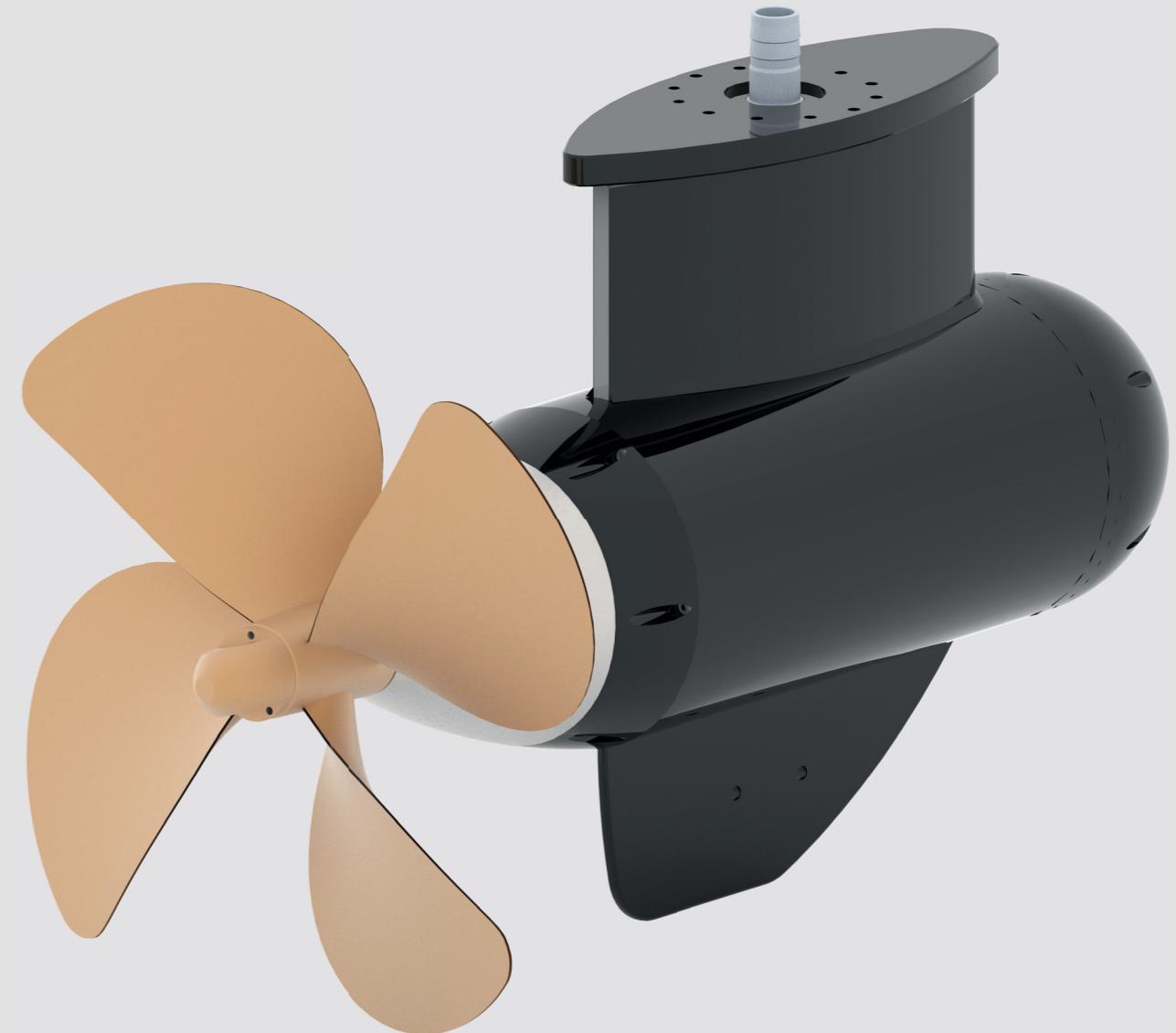
Got any questions?  
We're here to help!

 +31 521 36 1099

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Masters  
in electric  
propulsion



Pod 600

Continuous power output 55 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 600 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	112 EL
Nominal bus voltage	560 VDC
Model	POD
Maximum stator current	140,8 A
Rated speed	1500 min <sup>1</sup>
Rated voltage	560 VDC
Min. voltage	504 VDC
Motor constant	2,983 Nm/A
Rated phase current	119,32 A
Rated torque	350 Nm
Rated power S1 @ 350VDC 2300rpm	54978 Watt
Peak power S2-10	65112 Watt
Constant Electric	191,40 V/k-rpm
Induction LS	1,48 mH
Resistance of winding	89,1 mΩ
Winding class	F
Max. operating temperature	120 °C
Weight	95 kg
Efficiency @ rated speed-torque	94,23%
Number of poles	12

## Torque map

	RPM	Nm
Standstill peak	0	4520,00
Limit point	1615	385,00
No load max	2130	14,00
Standstill nominal	0	320,00
Utilizable	1780	280,00
No load max	2130	14,00

## Controller

Type	Zise 10
Nominal voltage	80-700 VDC
Continuous current (60min.)	200 A
Peak current (2min.)	400 A
Boost current (10sec.)	425 A
Cooling	Water ICW
Max. amb. temp.	42 °C
Efficiency	99,2%

## Dimensions (enclosure)

Height	760 mm
Width	600 mm
Depth	220 mm
Weight	38,5 kg
IP	54

## Joystick

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

## Included

Dc-dc converter	
Input voltage	560 VDC
Input current	5 A
Output voltage	24 VDC
Output current	20 A
Circulation pump ICW	6 L min.