

**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



**Pod 25**

Continuous power output 2,0 kW

The Pod 25 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

Motor type	SMPM
Frame size	50 M
Nominal bus voltage	48 VDC
Model	POD
Maximum stator current	68,43 A
Rated speed	1500 min <sup>1</sup>
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 @ 24VDC 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	18 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%

### 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

### Optional

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