

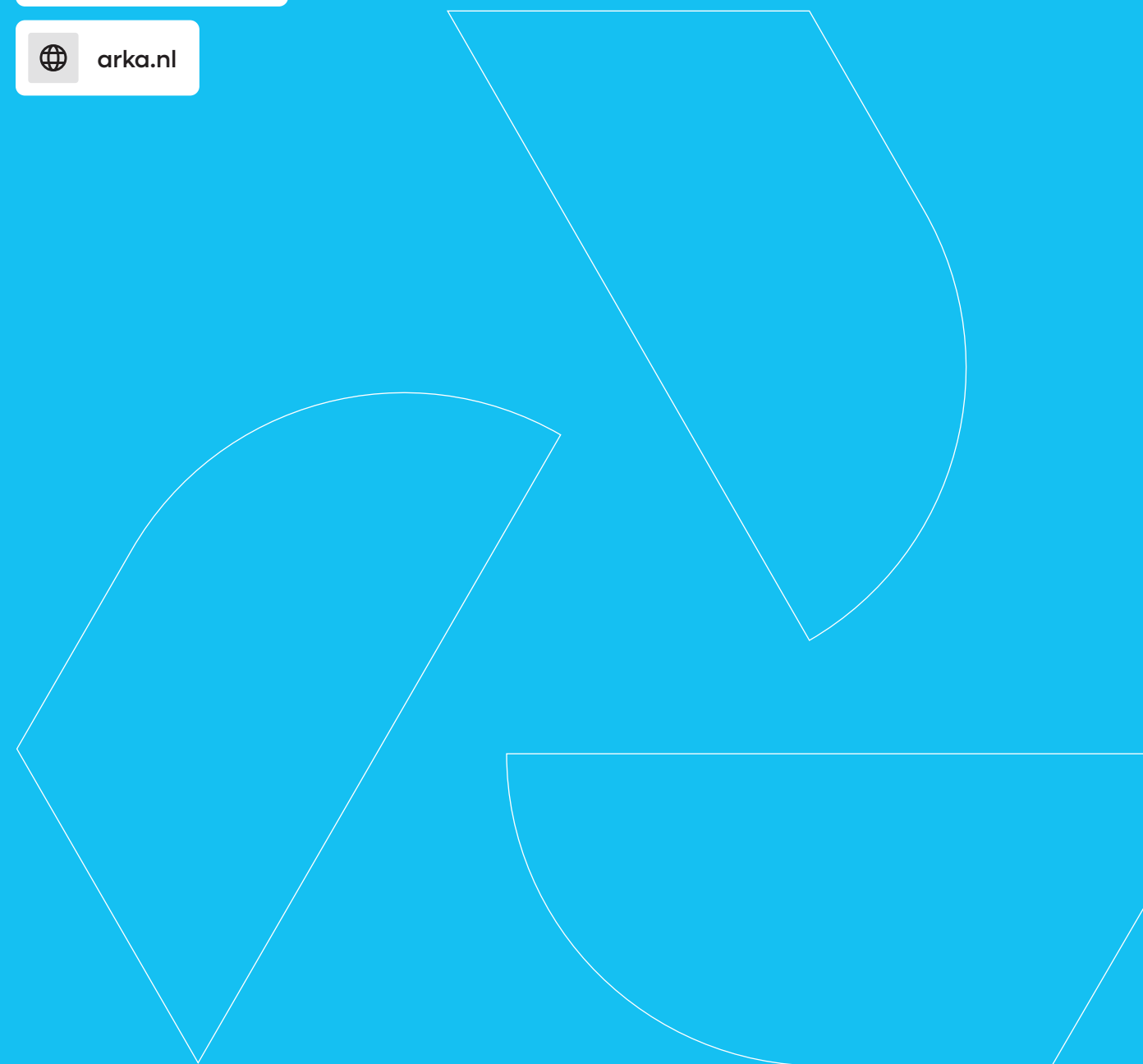
Got any questions?
We're here to help!



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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 100

Continuous power output 7,5 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	71 EL
	Nominal bus voltage	48 VDC
	Model	POD
	Maximum stator current	388,87 A
	Rated speed	1500 min ¹
	Rated voltage	48 VDC
	Min. voltage	43,2 VDC
	Motor constant	0,28 Nm/A
	Rated phase current	184,68 A
	Rated torque	51,71 Nm
	Rated power S1 @ 48VDC 1500rpm	8123 Watt
	Peak power S2-10	13827 Watt
	Constant electric	18,00 V/k-rpm
	Induction LS	0,022 mH
	Resistance of winding	9,459 mΩ
	Winding class	F
	Max. operating temperature	120°C
	Weight	26 kg
	Efficiency @ rated speed-torque	94,05%
	Number of poles	12

Torque map		RPM	Nm
	Standstill peak	0	110,00
	Limit point	1210	109,12
	No load max	1780	2,54
	Standstill nominal	0	56,29
	Utilizable	1560	50,71
	No load max	1780	2,54

Controller	Type	48-450
	Nominal voltage	48 VDC
	Continuous current (60min.)	180 A
	Peak current (2min.)	450 A
	Boost current (10sec.)	540 A
	Cooling	Heatsink
	Max. amb. temp.	42°C
	Efficiency	95,5%

Propeller (not included)	Material	Brass
	Diameter (aprox.)	12 Inch
	For shaft diameter	25 mm
	Weight	3,2 kg
	Type	Key drive

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

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