

SailMaster

Permanent magnet motors with Sail Drive transmission; available with air or liquid cooling.
Ideal for sail boats with regeneration via dragged propeller.

Air Cooled

Reduction ratio $i = 1$ or 2

Propeller rpm = motor rpm/ i

Including:

- Motor with mounting flange and silent blocks
- Sail drive
- Vector control inverter IP65
- Precharge circuit
- DC-DC converter 12 Vdc
- 5m cable for display, lever, key
- Quick install / easy connect / plug and play
- key panel (OFF-ON-ECO)

Optional:

- Main switch and main fuse (Only for 48/96/144Vdc battery w/o internal switch and fuse)
- TF display NMEA2000
- Regeneration kit (Cable + Key panel ON-OFF)



(Propeller not included)

PRODUCT CODE	DESCRIPTION	RATIO i	MOTOR SIZE	Light & Medium Duty		BATTERY Vdc	MOTOR rpm
				NOMINAL kW	INTERMITTENT kW		
BV101611A	SailMaster 5A	1	180-8	4	5	48 (51)	1500
BV101901A	SailMaster 7A	1	180-12	5	7		
BV101922A	SailMaster 10A	1	220-20	8	10		
BV530012AHS	SailMaster 12A EVO HS	2	220-20	8	12	96 (102)	3000
BV101944A	SailMaster 15A	1	220-20	10	15		1500
BV101476A	SailMaster 20A	2	220-20	15	20		3000

() Transfluid battery

• Complete the scope of supply with accessories from p. 19

SailMaster

Liquid Cooled

Reduction ratio $i = 1$ or 2

Propeller rpm = motor rpm/ i

Including:

- Motor with mounting flange and silent blocks
- Sail drive
- Vector control inverter IP65
- Precharge circuit
- DC-DC converter 12 Vdc / For 288V(307V) DC-DC converter 24Vdc
- 5m cable for display, lever, key
- Quick install / easy connect / plug and play
- Inlet and outlet liquid connections
- key panel (OFF-ON-ECO) / For 288V(307V) key panel (OFF-ON)

Optional:

- Main switch and main fuse (Only for 48/96/144Vdc battery w/o internal switch and fuse)
- TF display NMEA2000
- Regeneration kit (Cable + Key panel ON-OFF)



(Propeller not included)

Medium & Heavy Duty

PRODUCT CODE	DESCRIPTION	RATIO i	MOTOR SIZE	NOMINAL kW	INTERMITTENT kW	BATTERY Vdc	MOTOR rpm
BV100882W	SailMaster 7W	1	180-8	5	7	48 (51)	1500
BV101474W	SailMaster 10W	1	180-12	8	10		
BV101475W	SailMaster 15W	1	220-20	10	15		
BV530022WHS	SailMaster 22W EVO HS	2	220-20	17	22	96 (102) 144 (140) 288 (307)	3000
BV101476W	SailMaster 25W	2	220-20	20	25		
BV530035W	SailMaster 35W	2	220-20	30	35		
BV530045W	SailMaster 45W	2	220-35	35	45		

() Transfluid battery

• Complete the scope of supply with accessories from p. 19