

OutboardMaster

Permanent magnet motors in the Outboard version; available with air or liquid cooling.
Long-lasting outboard designed for work boats or for frequent use.

Air Cooled

Reduction ratio $i = 2$

Propeller rpm = motor rpm/i

Including:

- Motor with mounting brackets
- Vector control inverter IP65
- Anti ventilation / cavitation plate (incl. anode)
- 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



(Propeller not included)

Light & Medium Duty

PRODUCT CODE	DESCRIPTION	MOTOR SIZE	NOMINAL kW	INTERMITTENT kW	BATTERY Vdc	MOTOR rpm
BV630005A	OutboardMaster 5A	180-8	4	5	48 (51)	1500
BV101966A	OutboardMaster 7A	180-12	5	7		
BV101978A	OutboardMaster 10A	220-20	8	10		
BV101977A	OutboardMaster 8A	180-12	6	8	96 (102)	3000
BV101500A	OutboardMaster 12A	180-12	8	12		1500
BV101988A	OutboardMaster 15A	220-20	10	15		3000
BV101999A	OutboardMaster 20A	220-20	15	20		3000

() Transfluid battery

Liquid Cooled

Reduction ratio $i = 2$

Propeller rpm = motor rpm/i

Including:

- As above
- Inlet and outlet liquid connections
- For 288V(307V) DC-DC converter 24Vdc
- For 288V(307V) key panel (OFF-ON)

Optional:

- As above

Medium & Heavy Duty

PRODUCT CODE	DESCRIPTION	MOTOR SIZE	NOMINAL kW	INTERMITTENT kW	BATTERY Vdc	MOTOR rpm
BV101966W	OutboardMaster 10W	180-12	8	10	48 (51)	1500
BV101977W	OutboardMaster 15W	220-20	10	15		
BV101500W	OutboardMaster 18W	180-12	12	18	96 (102)	3000
BV101988W	OutboardMaster 25W	220-20	20	25		
BV630035W	OutboardMaster 35W	220-20	30	35	144 (140)	
BV630045W	OutboardMaster 45W	220-35	35	45	288 (307)	

() Transfluid battery

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