TURBO-T 120 DUO 12/24V ELECTRIC BOAT MOTOR [BRUSHLESS MOTOR, AGM/GEL/LiFePO4]

REGULAR RANGE

PRODUCT CODE
3ZSIL912LB

EAN
5904100452934

CATEGORY
Watercraft equipment

SUBCATEGORY
Electric boat motors (outboard)

PRODUCT PAGE
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ABOUT THE PRODUCT

TURBO-T 120 DUO 12/24 is a brushless outboard electric motor designed to power boats. It provides quiet movement and can operate in relatively shallow water. The motor is intended exclusively for use in fresh water, such as lakes, rivers and reservoirs; operation in salt water voids the warranty.

The device can be powered by a deep-cycle lead-acid battery, AGM, gel or lithium battery, including VOLT batteries. The control tiller enables smooth adjustment of speed and forward and reverse travel direction. It also allows adjustment of the tiller handle angle, shaft height and motor tilt angle.

The motor is characterised by quick and easy installation. The shaft is made of reinforced composite resistant to impact and deformation, while the durable three-blade propeller supports efficient operation of the device. The built-in LED display indicates the current battery charge voltage [V].

For LiFePO4 batteries, a fuse is required on the power supply cable (the “+” positive lead) with a rated value of not less than 80 A, either cartridge or automatic. VOLT batteries are recommended: AGM, GEL or LiFePO4 with a capacity of at least 100 Ah and a current rating from approximately 15 A to 75 A.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Supply voltage**	12 V / 24 V DC
	Maximum current consumption	58 A / 40 A (±3%)
	Motor power	690 W / 980 W (±3%)
	Recommended power supply	VOLT Polska brand batteries (AGM, GEL, LiFePO4) with a capacity of at least 100 Ah and a current rating from approximately 15 A to 75 A
	Protection for LiFePO4	A fuse is required on the power supply cable (the + positive lead) with a rated value of not less than 80 A (cartridge or automatic)

VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

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TECHNICAL SPECIFICATIONS - CONTINUED

Operating features and construction	**Motor type**	Electric outboard motor (brushless)
	Thrust	64 LBS / 86 LBS
	Speeds (number of gears)	CVT continuously variable transmission (smooth, stepless forward and reverse speed adjustment using the control tiller)
	Propeller	Three-blade
	Controls	Control tiller (smooth adjustment of speed and travel direction) with adjustable handle angle, shaft height and motor tilt angle
	Display	LED (indicates the current battery charge voltage [V])
	Application	For use exclusively in fresh water (lakes, rivers, water reservoirs); operation in salt water voids the warranty
Dimensions and logistics	**Total weight**	7 kg (±3%)

PRODUCT GALLERY





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