

Thruster systems

BOW PRO Boosted series: BOWB



BOWB150



BOWB180



BOWB300

All the features of the phenomenal BOWA series with a bonus. All BOW PRO Boosted (BOWB) include an exclusive built in DC-to-DC smart charger function that allows 24 VDC thruster battery banks to be charged by a 12 VDC power supply and in the case of 48 VDC BOWB, to be charged from an existing 24 VDC power supply. BOWB thrusters do this through a third charge connection on the thruster. This charge connection is constantly monitored and is only activated once the voltage level of the charging source reaches a suitable level. This feature prevents the charging source from being depleted, such as the engine starting bank. They then boost that input to a higher voltage and regulate it in a smart way to charge the thruster supply bank. In practice, this means you are able to connect the 24 VDC BOW PRO Boosted with a 12 VDC power supply to charge its battery bank. The built in smart three stage charging process ensures that the thruster batteries are kept at their optimum level.

Connecting the BOW PRO Boosted directly to a 24 or 48 VDC power supply is also possible.

- A range of thrusters with thrust outputs ranging from 57 kgf to 420 kgf
- Battery powered at 24 VDC (or 48 VDC)
- Runtime of 10 minutes at full power and even longer runtimes at reduced power
- Patented MCV motor controller with integrated boost charger 12/24 VDC (or 24/48 VDC)



BOWB420

BOW PRO Boosted - Type	BOWB057	BOWB065	BOWB076	BOWB090	BOWB110	BOWB130
Thrust at 12/24 VDC (kgf)*	57	65	76	90	110	130
Power (kw-hp)	3,1 - 4,1	3,1 - 4,1	3,1 - 4,1	5,7 - 8	5,7 - 8	5,7 - 8
Brushless ac motor	✓	✓	✓	✓	✓	✓
Advised boat length (ft - m)	26'-39"/8-12	27'-40"/8-12,5	30'-45"/10-14	36'-55"/11,5-17	36'-56"/11,5-18	40'-60"/12,5-18
Tunnel diameter (mm - inch)	150 - 5,9"	185 - 7,3"	185 - 7,3"	185 - 7,3"	185 - 7,3"	185 - 7,3"
Weight excl. tunnel (kg)	28	29	29	33	33	33
Operating time, continuously max per hour in minutes**	10	10	10	10	10	10
For DC system (Volt)	12/24	12/24	12/24	12/24	12/24	12/24
Battery main switch: model BATSW / type BPMAN	250/24	250/24	250/24	250/24	250/24	250/24
Internal thruster fuse (Amp)	200	160	200	200	300	300
Battery Ah value (C20)	90	90	90	145	170	185

BOWHPCK

High power connection kit

The BOWHPCK is a connection kit for bow thrusters in the VETUS BOW PRO series. This connection kit is used to simplify the implementation of big diameter supply wires. When using diameters 95 mm² (AWG 0) or above this kit is required. Only applicable for BOW PRO models up until BOWB210.

