

IVET 6



Product code: 85000600

A safe connection between vessel and shore installation is an essential part of your electrical system. A galvanic electrical isolation between shore power and the on board power prevents any electrical corrosion of metal parts while keeping you earthed.

IVET Heavy-duty Series

High-output E-core isolation transformer without casing, for self installation. The product is multi tap, meaning you can handle 120/230/240 V going in and out.

Mastervolt recommends to install the IVET heavy-duty isolation transformer with Soft Start. Soft Start suppresses the inrush current from the transformer and prevents the power fuse from blowing.

- High-quality isolation transformers without casing for self installation.
- Optional Soft Start, in synthetic casing.
- Capacities of 2.5 kW to 22 kW.

Specifications

General specifications

Output voltage ($\pm 5\%$)	120/220/240 V
Output frequency range	45-65 Hz
Input voltage range	110/220/240 V
Input frequency range	45-65 Hz
Nominal input current (230 V)	26 A
Galvanic isolation	yes
Efficiency	$> 93\%$
Power	6000 W
Dimensions, h \times w \times d	380 x 240 x 215 mm 15.0 x 9.4 x 8.5 inch
Weight	49 kg 108.0 lb
Compliance	CE, ABYC

Technical specifications

Technology	E-core
Earth leakage protection	no
No-load power consumption	$< 10\text{ W}$
Temperature range (ambient temp.)	0 °C to 40 °C, derating power $> 40\text{ °C}$ 32 to 104 °F
Cooling	natural cooling
Protection degree	IP00
Operating humidity	max. 95 %
Soft start	option
MasterBus compatible	no