

VICTRON isolation transformer

This device prevents all continuity between the onboard electric installation and the dock thus making the installation safer since it is isolated. It allows the automatic circuit breaker to activate correctly and avoids problems due to galvanic currents.

Code	Type	V	Power W	↔ mm	kg
14.264.01	2000	115/230	2000	375x214x110	10
14.264.02	3600	115/230	3600	362x258x218	23
14.264.03	7000	230	7000	362x258x218	26
14.264.04*	3600	115/230	3600	362x258x218	23

* Automatic selection of input voltage.



VICTRON 120/240V 32/100A isolation autotransformer

It is an electrical transformer with only one winding that has at least three taps where electrical connections are made. It drastically reduces ohmic losses and eliminates the need of electrical isolation between windings but, unlike dual-winding transformers, it doesn't provide electrical isolation between the primary and secondary side of the transformer. It is often used to step up or step down voltages in the 110/120 volt range and voltages in the 220/240 volt range. For example providing 120V from 240V input, allowing equipment designed for 120 volts to be used with a 240 volt supply.

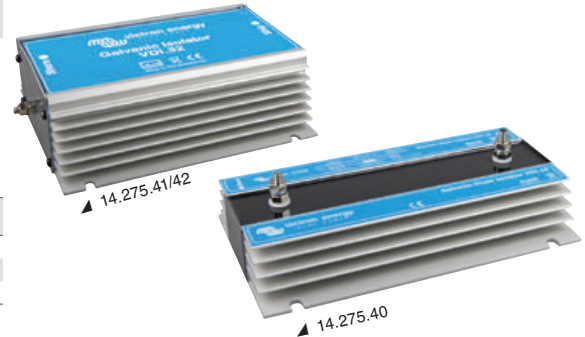
Code	Input/Output Voltage	Maximum input current (240V)	↔ mm	kg
14.264.10	120/240 V; 50/60 Hz	32 A	375x214x110	10
14.264.11	120/240 V; 50/60 Hz	100 A	425x214x110	14



VICTRON galvanic isolator

They avoid galvanic corrosion when different metals are present onboard. The galvanic isolator prevents any galvanic current through the dock power cables.

Code	Peak current A	Max current A	↔ mm	kg
14.275.40	1600/20 ms	16	60x120x200	1
14.275.41	1600/20 ms	32	63x164x235	2
14.275.42	1600/20 ms	64	64x164x224	2



Victron automatic switch

It automatically switches the dock / inverter power source.

Code	V	W	↔ mm
14.270.42	230	max 3500	120x255x75



VICTRON battery protect

This device disconnects the battery from non essential loads before it is completely discharged or before it has insufficient power to start the engine.

Code	Max continuous current A	Peak current A	Operating voltage V	Disconnection V	V reattachment	Disconnection time	↔ mm	kg
14.275.11	65	100	6-35	10.5/21	12/24	90 seconds	40x48x106	0.2
14.275.12	100	600	6-35	10.5/21	12/24	90 seconds	59x42x115	0.5
14.275.13	220	600	6-35	10.5/21	12/24	90 seconds	62x123x120	0.8

