

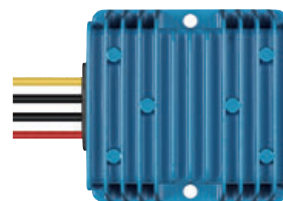
VICTRON DC/DC converters

VICTRON Orion DC-DC non-insulated voltage converter

IP67

100% watertight, fitted with extra-long cords (1.80m).

Code	V		A in continuous output	Efficiency %	↔ mm	kg
	Input	Output				
14.277.31	15/40	12 + - 3%	10	93	74x74x32	0.3
14.277.32	15/40	12 + - 3%	20	95	74x74x32	0.3
14.277.33	18/35	12 + - 3%	100	95	265x127x63	2.15

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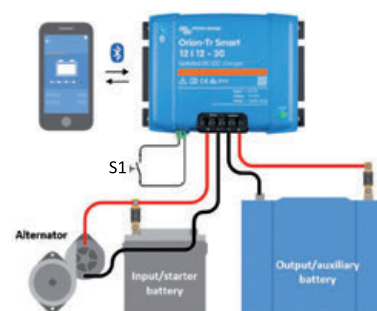
VICTRON DC/DC voltage converter and Orion-Tr Smart battery charger with galvanic insulation and Bluetooth connection

Many onboard devices require **stabilized voltage** or **voltage change**.

Galvanic isolation both on input and output eliminates issues related to line loss or power interruption due to overload.

- Adjustable output voltage, can also be used as a battery charger, equipped with a 3-stage charging algorithm.
- Remote control with low voltage switch or relay.
- All models can be connected in parallel to increase the output current.
- Via Bluetooth, they can be controlled and calibrated remotely.

Code	Type	V		Adjustable output voltage	Output A		Efficiency %	↔ mm	mm	kg
		Input	Output		contin-ous	max				
14.277.01	12/12/18	8-17	12.2	10-15	18	25	87%	130x86x70	1.3	
14.277.02	12/24/10	8-17	24.2	20-30	10	15	88%	130x86x70	1.3	
14.277.03	24/12/20	16-35	12.2	10-15	20	25	88%	130x86x70	1.3	
14.277.04	24/24/12	16-35	24.2	20-30	12	15	89%	130x86x70	1.3	
14.277.05	12/12/30	10-17	12.2	10-15	30	40	87%	130x86x80	1.8	
14.277.06	12/24/15	10-17	24.2	20-30	15	25	88%	130x86x70	1.6	
14.277.07	24/12/30	20-35	12.2	10-15	30	45	88%	130x86x70	1.6	
14.277.08	24/24/17	20-35	24.2	20-30	17	25	89%	130x86x70	1.6	

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VICTRON DC/DC non-insulated high-power voltage converter to be also used as battery charger - Adjustable outlet voltage version

ON-OFF remote connection. Adjustable outlet voltage. Parallel switching possible for more power.

Code	V		Output A		Efficiency %	Temperature control	↔ mm
	Input	Output	contin-ous	max			
14.277.39	15 - 40	12	5	5	93	no	25x43x20
14.277.40	18 - 35	10 - 15	25	35	96	no	65x88x160
14.277.41*	18 - 35	13.2	40	55	95	Yes	65x188x185
14.277.42	18 - 35	10 - 15	70	85	92	Yes	65x88x195
14.277.52	9 - 18	20 - 30	10	20	95	no	45x90x125
14.277.53	9 - 18	20 - 30	20	30	93	Yes	65x88x195

* Outlet voltage cannot be adjusted.


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VICTRON Buck-Boost high-power voltage converter

DC-DC converter for charging a 12/24V service battery.

Ideal for vessels with an intelligent dynamo, used in most recent engines that do not always emit the correct charging current.

Code	V		Maximum charging current A		↔ mm	kg
	Input	Output	12 V	24 V		
14.277.60	10/30	10/30	25	15	165x120x30	0.6
14.277.61	10/30	10/30	50	25	213x120x30	1.4
14.277.62	10/30	10/30	100	50	288x162x95	4.1

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