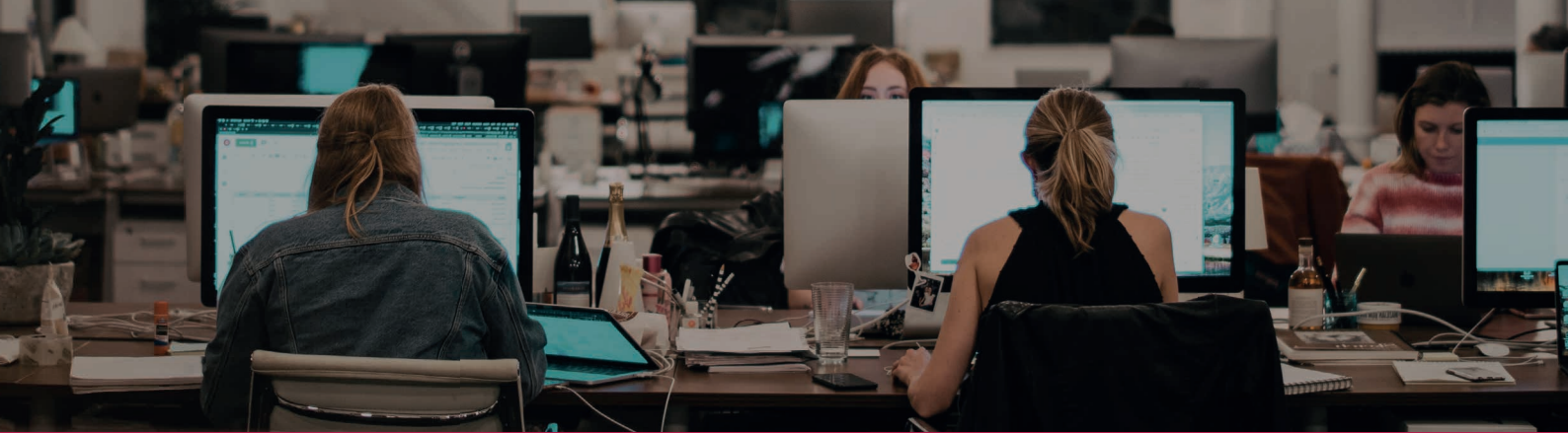


CONVERT II

Monoblock UPS systems
with double-converter technology



PRODUCT HIGHLIGHTS

- ▶ Higher power output - power factor 1.0 (from 6 kV)
- ▶ Lower noise level
- ▶ Improved efficiency
- ▶ Current battery hold-up time on the display
- ▶ Advanced, modern communication



Contact us:



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We supply your critical applications safely and protect the environment



Optimal protection

The compact, single-phase systems of the CONVERT II series offer optimal protection against mains interference and power failure thanks to their reliable double-converter technology (VFI) and electronic bypass. They provide the greatest possible reliability of supply in sensitive applications and also increase the service life of the loads connected.

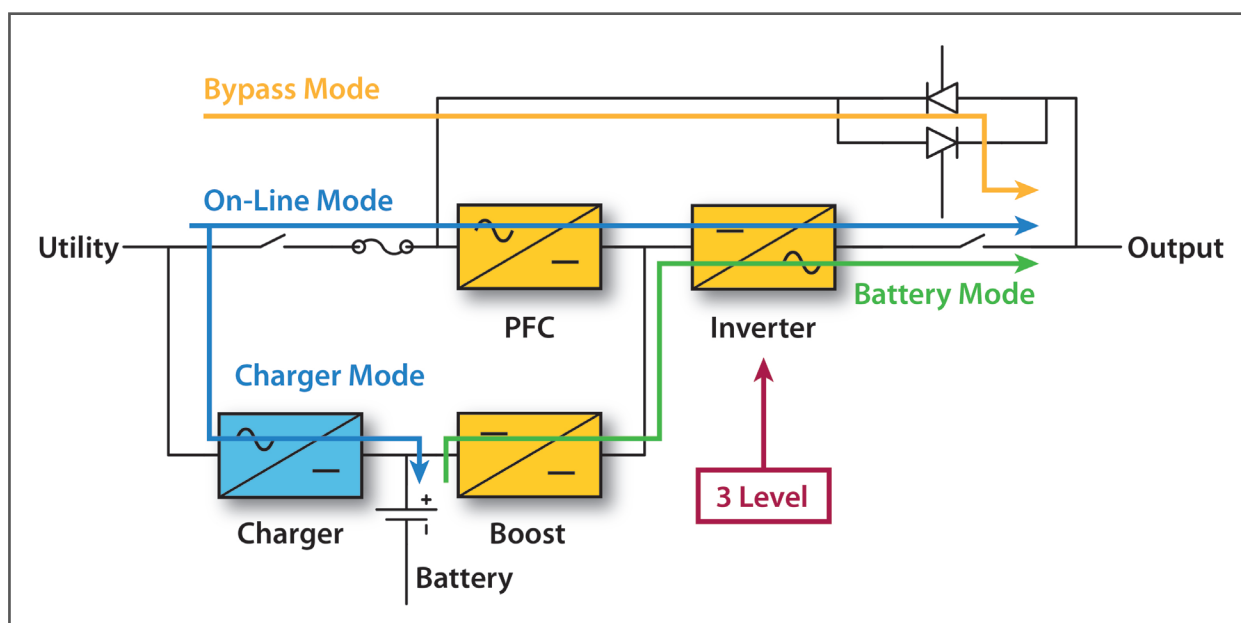
Independent of interference in the mains supply, a stable, interference-free, sinusoidal output voltage is always produced.



Flexible use

CONVERT II can be operated conveniently via an LCD on the front of the housing. Depending on how the UPS is used, the display can be rotated by 90 degrees so that CONVERT II can be used universally - as a stand-alone device or installed in a 19" rack.

Topology



Technical data

Product series	CONVERT II							
	CON2-1K-2	CON2-2K-2	CON2-2K-3	CON2-3K-2	CON2-3K-4	CON2-6K-2	CON2-6K-3	CON2-10K-3
General Data								
Output power	1 kVA / 0.9 kW	2 kVA / 1.8 kW		3 kVA / 2.7 kW		6 kVA / 6 kW		10 kVA / 10 kW
Power factor	0.9					1.0		
Topology	Online double conversion technology (VFI-SS)							
Parallel configuration	None					Can be operated in parallel		
USP type	Monoblock							
Autonomy at 100 % load	6 min			4 min		7 min (+CON2-BAT-6/10K-3-20/9)	7 min (+CON2-BAT-6/10K-3-20/9)	4 min (+CON2-BAT-6/10K-3-20/9)
Dimensions (WxHxD)	440 x 89 (2 HE) x 405 mm	445 x 89 (2 HE) x 600 mm	445 x 132 (3 HE) x 432 mm	445 x 89 (2 HE) x 600 mm	445 x 178 (4 HE) x 432 mm	445 x 89 (2 HE) + 134 (3 HE) x 650 mm	445 x 134 (3 HE) + 178 (4 HE) x 550 mm	445 x 134 (3 HE) + 134 (3 HE) x 680 mm
Weight (without batteries)	15 kg*	22 kg*	25 kg*	27 kg*	26 kg*	87 kg**	87 kg**	92 kg**
Input								
Rated voltage (voltage range)	230 V (110-300 V) (1 Ø)					230 V (110-280 V) (1 Ø)		
Input power factor	≥ 0.99 with 100 % linear load							
Frequency	50/60 Hz, autoselect, ± 0.1 %							
Output								
Voltage	230 V (208 / 220 / 230 / 240 V) (1 Ø)							
Harmonic distortion with linear load	< 3 %							
Crest factor	3 : 1							
Efficiency								
Max. efficiency	92 %					93 %		94 %
In Eco mode with 100 % load	97 %					98 %		–
Communication								
Interfaces	RS-232; optional: SNMP card, Modbus card, relay card, USB					USB, RS-232, CAN bus; optional: SNMP card, Modbus card, relay card		
Interfaces Input	Remote Power OFF							
Battery								
Battery system	Optional battery expansion							

* incl. built-in battery/** incl. standard battery module

ENDLESS POWER

