

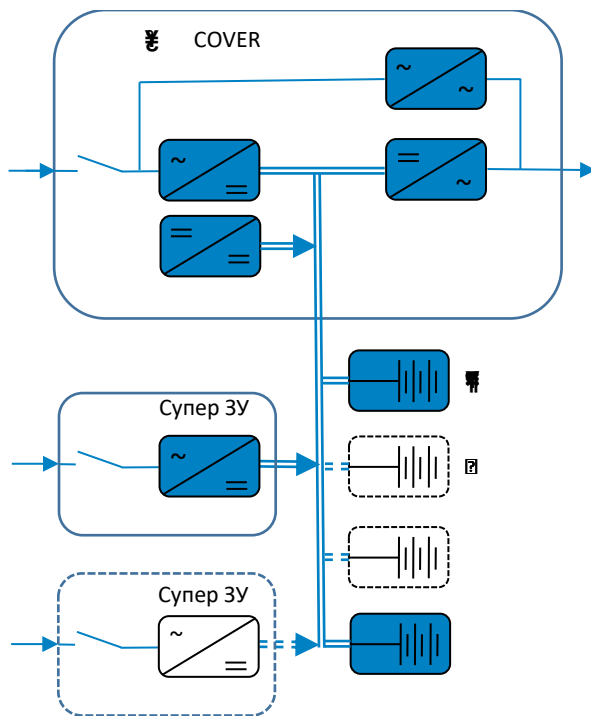


- Icon : Icon
- Icon : VRLA, AGM, GEL
- Icon Icon COVER
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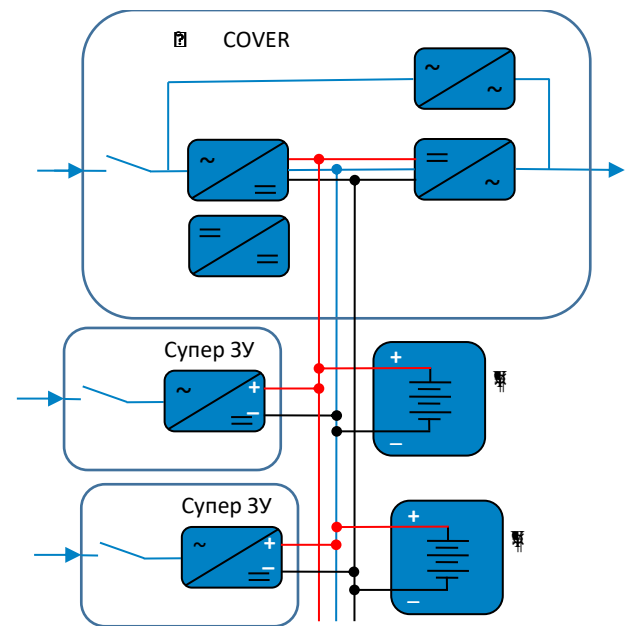


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- Insulated construction** provides separation of batteries from the network.
- Rectifier with power factor corrector** guarantees high efficiency and full use of the power supply and elimination of reactive power.
- Microprocessor control** enables control and precise control of the battery charging process in each operating mode.
- Short-circuit, thermal and reverse polarity protection** ensures safe operation and comfort of work.

- Charge current can be adjusted** enables precise selection of charging parameters for a wide range of battery capacities.
- Advanced battery management** guarantees optimal charging and use of accumulator batteries. The 3-stage charging process extends their service life by up to 50% and reduces operating costs.
- Parallel operation possible** makes the device a universal solution and is used in many configurations requiring very high battery charging currents.

## External Super charger

Model	EC036-15	EC048-15	EC072-12	EC240-04	EC240-12	EC240-24
Nominal voltage Maximum current	36 Vdc 15 A	48 Vdc 15 A	72 Vdc 12 A	240 Vdc 4 A	240 Vdc 12 A	240 Vdc 24 A
Housing						
<b>AC input</b>						
Number of supply phases	1					
Supply voltage	208 / 220 / 230 / 240 Vac					
Voltage range	165 ÷ 285 Vac					
Frequency	50 / 60 Hz					
frequency range	-20% ÷ +20%					
Maximum input current	8 A			10 A	30 A	60 A
Power connector	IEC320 socket				Connection terminal	
<b>DC output</b>						
Adjustment range of the maximum charging current	3 – 15 A		3 – 12 A	1 – 4 A	3 – 12 A	6 – 24 A
Type of batteries	VRLA / AGM					
Battery nominal voltage	12 Vdc					
Single Battery Float Charging Voltage	13,7 Vdc ±0,15 Vdc					
Boost charging voltage of a single battery	14,1 Vdc ±0,15 Vdc					
Nominal number of batteries in a string	3	4	6	20		
Possible configurations of the number of batteries	3	4	6	15, 16, 18, 19, 20		
Output connector	2 ANEN type sockets (Anderson)					
Can be connected in parallel with a UPS charger	yes					
Parallel connection with other chargers	yes					
Serial connection possible for a chain with a separate neutral point (± 240 Vdc, etc.)	no			yes		
Charging modes	Constant current charging Constant voltage boost charging Constant Voltage Float Charging					
Charge cycle	According to DIN 41773 with automatic charging cut-off according to the criterion of current and voltage, with time control.					
<b>Dimensions and weight</b>						
UPS dimensions (W x D x H) [mm]	165 x 300 x 96			298 x 175 x 106	515 x 220 x 136	570 x 250 x 215
Weight	3,1 kg			4,1 kg	7,2 kg	14,0 kg
<b>Signaling</b>						
Working status indicator	Working status LED indicators Charging mode LED indicators Audible alarm			Working status LED indicators		
<b>Environmental conditions</b>						
Noise level	<50 dB					
Permissible operating temperature	0°C ÷ 40°C					
Storage temperature	-25°C ÷ 55°C					
Humidity	5 ÷ 95% (no condensation)					

The publication provides the parameters of standard models. Due to continuous product improvement, we reserve the right to change parameters without prior notice.