


Features:

- Miniature plastic case, mounting on a DIN rail
- Automatic protection: overload, short circuit, wrong polarity battery connection, battery deep discharge
- Output voltage selection: 13.5V (adjustable) / 12.6V (fixed)
- Battery hot swapping
- Work without battery as power supply
- Absence output voltage drop-down during switch to battery and back
- Work mode LED indication

SPECIFICATION

	Model name	UPS 45W/DIN	
		13,5V Mode	12,6V Mode
Output	DC voltage (AC mode)	13,5V	12,6V
	DC voltage (Battery mode)	13,5..10,5V	12,6..10,5V
	Voltage ripple and noise	≤50 mV	
	Voltage adjustment range	14,1..12,6V	12,6V (fixed)
	Battery low voltage	10,5 ± 0,1V	
	Rated current	3 A	
	Maximum current (AC mode)	3,1 A	
	Maximum current (Battery mode)	3,2 A	
	Battery charge current	0,5 A	
	Battery sustaining current	20 - 100 mA (depends of battery capacity)	
	Recommended battery capacity	4.5 ..9 Ah	
	UPS self consumption (AC absent)	≤30 mA	
	Voltage loss between battery and output	0,1 V	
Power source efficiency	≥86%		
Input	AC Voltage range	100 - 240 VAC (85 - 264 VAC max.); ±120 – 370VDC	
	No load power consumption	≤1 W	
	Frequency range	47 - 63 Hz	
Protection	Short circuit in load	Yes	
	Overload	Yes	
	Battery deep discharge	Yes	
	Wrong polarity battery connection	Yes	
Indication	Bi-color LED 'DC OK'	GREEN – work from AC, RED – work from battery	
Safety	Withstand voltage I/P-O/P	3kV / 60 s / 5 mA	
	Withstand voltage I/P-FG	1.5kV / 60 s / 5 mA	
	Withstand voltage O/P-FG	0.5kV / 60 s / 5 mA	
Others	Working temperature	-25..+45 °C	
	Storage temperature	-30..+80 °C	
	Dimension, mm	90x54,5x35	
	Weight	120 g	

Connect load to the V+ и V- terminals. Connect battery to the B+ и B- terminals.

DIMENSIONS

