

Features:



- Automatic protection: overload, short circuit, battery deep discharge
- Battery hot swapping
- Work without battery as power supply
- Absence output voltage drop-down during switch to battery and back
- LED indication for Power-ON, DC output, charging
- DIN-rail mounting option (with additional DIN-holders supplied separately)

SPECIFICATION

	Model name	UPS 120W Simple	UPS 120W/24V Simple
Output	DC voltage (AC mode)	13,8 V (adjust. 11.3-14.9 V)	27,6 V (adjust. 21,3-29,8 V)
	DC voltage (Battery mode)	10,4 - 14,1 V	20,8-28,2 V
	Voltage ripple and noise	≤100 mV	≤180 mV
	Battery maximum charge voltage	14,4 V	28,2 V
	Battery low voltage	9,5-11 V	20-22 V
	Rated current	8 A	4 A
	Maximum current (AC mode)	8.4 A	4,2 A
	Maximum current (Battery mode)	8.8 A	4,4 A
	Battery charge current	0,5 A	0,3 A
	Battery sustaining current	20 - 100 mA (depends of battery capacity)	
	Recommended battery capacity	7 A/h (two batteries connection allowed)	2 x 7 A/h
	UPS self consumption (AC absent)	≤80 mA	≤80 mA
	Voltage loss between battery and output	0,4 V	0,4 V
Power source efficiency	≥84%	≥86%	
Input	AC Voltage range	90-132VAC / 180-264VAC (selected by switch) / 255-370VDC	
	No load power consumption	≤4,5 W	≤7 W
	Frequency range	47 - 63 Hz	
Protection	Short circuit in load	Yes	
	Overload	Yes	
	Battery deep discharge	Yes	
	Wrong polarity battery connection	No	
Indication	Indication of AC, DC out and Battery	External PCB	
	Red LED (AC)	'ON' - AC present	
	Transparent LED (Battery)	Blinking red - battery charging	
Safety	Green LED (DC out)	'ON' - DC output voltage OK	
	Withstand voltage I/P-O/P	1.5kV / 60 s / 5 mA	
	Withstand voltage I/P-FG	1.5kV / 60 s / 5 mA	
Others	Withstand voltage O/P-FG	0.5kV / 60 s / 5 mA	
	Working temperature	-10..+60 °C	
	Storage temperature	-20..+85 °C	
	DIN rail mounting	Via two DIN holders. Supplied separately.	
	Dimension, mm	159 x 98 x 38	
	Warranty period	2 years	