

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

SPECIFICATION

	Model name	UPS 120W Simple	UPS 155W/48V Simple
Output	DC voltage (AC mode)	13,8 V (adjust. 11.3-14.9 V)	54 V (adjust. 48-58 V)
	DC voltage (Battery mode)	10,4 - 14,1 V	41,3-53,2 V
	Voltage ripple and noise	≤100 mV	≤40 mV
	Battery maximum charge voltage	14,4 V	57,5 V
	Battery low voltage	9,5-11 V	37-41 V
	Rated current	8 A	2,7 A
	Maximum current (AC mode)	8.4 A	3,0 A
	Maximum current (Battery mode)	8.8 A	3,2 A
	Battery charge current	0,5 A	0,2 A
	Battery sustaining current	20 - 100 mA (depends of battery capacity)	
	Recommended battery capacity	7 A/h (two batteries connection allowed)	4 x 7 A/h
	UPS self consumption (AC absent)	≤80 mA	≤40 mA
	Voltage loss between battery and output	0,4 V	0,3 V
Power source efficiency	≥84%	≥86% (PF>0.92)	
Input	AC Voltage range	90-132VAC / 180-264VAC (selected by switch)	110 - 230VAC (90 - 264VAC max.)
	No load power consumption	≤4,5 W	≤7 W
	Frequency range	47 - 63 Hz	
Protection	Short circuit in load	Yes	Yes
	Overload	Yes	Yes
	Battery deep discharge	Yes	Yes
	Wrong polarity battery connection	No	Yes
Indication	Indication of AC, DC out and Battery	External PCB	On-board
	Red LED (AC)	'ON' - AC present	-
	Transparent LED (Battery)	Blinking red - battery charging	-
	Green LED (DC out)	'ON' - DC output voltage OK	
Safety	Withstand voltage I/P-O/P	3kV / 60 s / 5 mA	1.5kV / 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	-10..+60 °C	
	Storage temperature	-20..+85 °C	
	Dimension, mm	159 x 98 x 38	199x110x50
	Warranty period	2 years	

UPS 155W/48V Simple CONNECTION

