

CODE: PSB201202, PSB551204, PSB1001206 EN
NAME: PSB201202 13,8V/2A enclosed uninterruptible switch mode power supply
PSB551204 13,8V/4A enclosed uninterruptible switch mode power supply
PSB1001206 13,8V/6A enclosed uninterruptible switch mode power supply

DESCRIPTION

The power supply units are intended for the feeding of alarm system equipment, which requires uninterruptible supply of 13.8V DC voltage, provided by 230V AC mains. The power supply units are protected against short-circuit, overload and overvoltage. They also have an in-built charging system and battery status monitoring system, which protect the battery against damaging, as a result of excessive discharging.



PSB201202

PSB551204

PSB1001206

TECHNICAL DATA

	PSB201202	PSB551204	PSB1001206
Dimensions (L x W x H)	111 x 78 x 36mm	160 x 98 x 39mm	199 x 98 x 39mm
Net/Gross weight	265g / 280g	455g / 485g	635g / 670g
Input voltage	85 ÷ 264 V AC 120 ÷ 370 V DC	85 ÷ 264 V AC 120 ÷ 370 V DC	170 ÷ 264 V AC
Leakage current	<0,5mA / 230 V AC	<0,7mA / 230V AC	<0,7mA / 230V AC
Output voltage	12 V DC – AC operation 9,5 V ÷ 13,8 V – battery assisted operation	13,8 V DC – AC operation 9,5 V ÷ 13,4 V – battery assisted operation	13,8 V DC – AC operation 9,5 V ÷ 13,3 V – battery assisted operation
Output power	20W	55W	100W
Output current for t _{AMB} < 30°C	1,5 A*	4,0 A*	6,0 A*
Output current for t _{AMB} = 40°C	1,0 A*	2,8 A*	4,2 A*
Battery charging current	0,5 A	0,23 A	0,5 A
Output ripple	<120mV	<100mV	<100mV
Short circuit protection	YES	YES	YES
Overload protection	110% - 150% output power	110% - 150% output power	110% - 130% output power
Overvoltage protection	YES	YES	YES
Over temperature protection	NO	NO	NO
Battery protection against deep discharging	YES	YES	YES
Operation conditions	0°C ÷ 40°C , RH 20 ÷ 90 % , no condensation		
Remarks:	27,6V versions available (PSB202401, PSB552402, PSB1002403)		

* - refer to manual