

GAT SP 07x UPS Online xxW

DIN Rail Power Supply

FACTS AT A GLANCE

- Ultra-compact / plug & play, parallel connection without accessories
- Performs self-diagnosis and diagnosis of its surroundings
- Lead- and cadmium-free backup, 100% recyclable
- Lifespan of over 10 years
- Maintains control of the intelligent building in the event of power failures and micro-interruptions
- Intercepts electromagnetic interference
- Prevents false alarms from being sent to the supervisor due to micro-interruptions in the network
- Supplies the devices with constant voltage
- Output voltage adjustable from -8% to + 13%



The GAT SP 07x UPS Online xxW is a DIN rail mounted uninterruptible power supply (UPS) suitable for powering all GANTNER devices such as access terminals (e.g., GAT DC 7200) and readers (e.g., GAT SR 73xx).

The UPS with “Smart Backup Inside” intercepts electromagnetic interference and maintains control in the event of power failures and micro interruptions ensuring that a constant voltage is supplied to the devices. The connected controller is immediately notified if any power interruptions occur thereby allowing the fault to be quickly rectified.

Additional features of the UPS include an ultra-compact housing, plug & play operation, and operation in energy saving mode when the battery is charged.

The 100% recyclable lead and cadmium-free backup battery with LiFePO4 battery technology protects the environment and provides a particularly long service life of over 10 years.

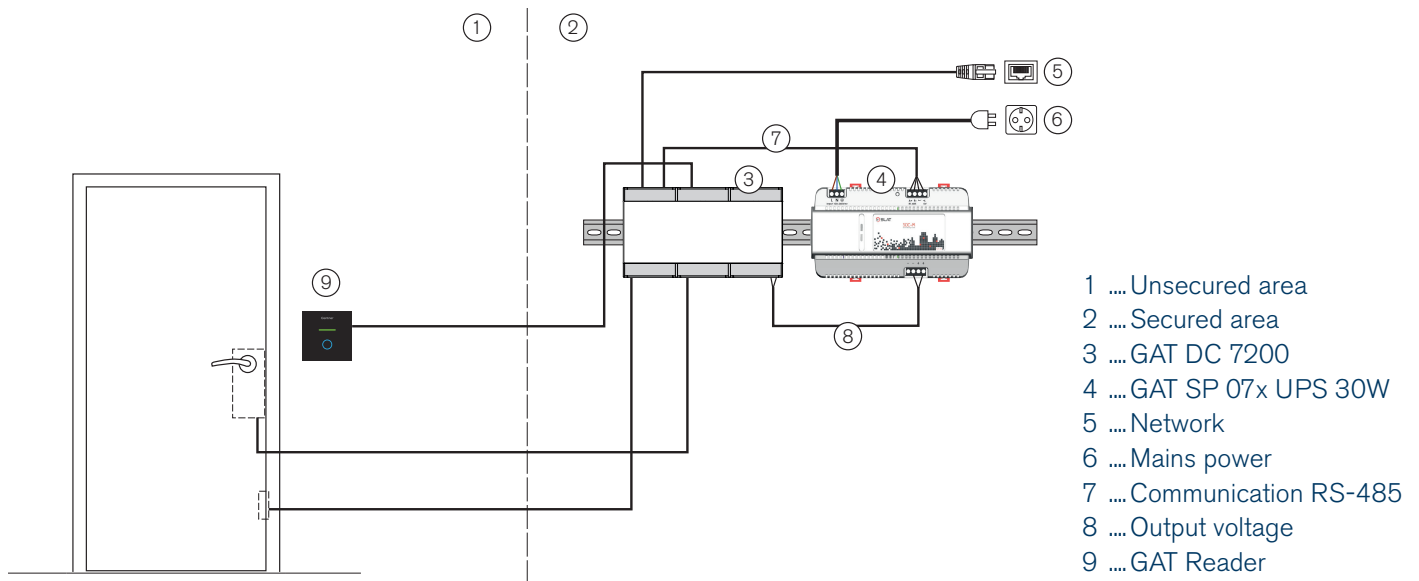
GAT SP 07x UPS Online 30W



GAT SP 07x UPS Online 55W

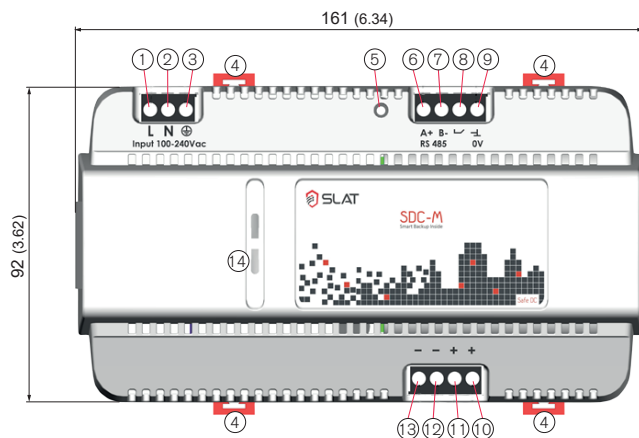


Typical Application

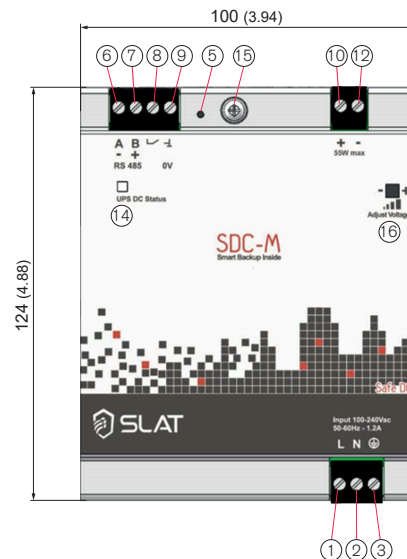


Device Elements and Dimensions

GAT SP 07x UPS Online 30W



GAT SP 07x UPS Online 55W



- 1 ... Input 100-240 V (L)
- 2 ... Input 100-240 V (N)
- 3 ... Input 100-240 V (earth conductor)
- 4 ... Mounting clips
- 5 ... Button for backup cutoff
- 6 ... RS-485 (A)
- 7 ... RS-485 (B)
- 8 ... Alarm report
- 9 ... RS-485 (0V)

- 10.. Output (+)
- 11.. Output (+)
- 12.. Output (-)
- 13.. Output (-)
- 14.. Status LED
- 15.. Ground terminal
- 16.. Output voltage adjustment

Measurements in mm
 Inches in brackets

Technical Data

		GAT SP 070 UPS	GAT SP 070 UPS	GAT SP 074 UPS	GAT SP 074 UPS
		Online 30W	Online 55W	Online 30W	Online 55W
OUTPUT	Nominal voltage:	12 V	12 V	24 V	24 V
	Output current:	2.5 A	4.6 A	1.25 A	2.3 A
	Max. power consumption	30 W	55 W	30 W	55 W
	Voltage accuracy:	1.0 %			
INPUT	Input voltage AC:	98 ~ 265 V			
	Input voltage DC:	140 ~ 375 V			
	Frequency:	45 ~ 66 Hz			
	Primary current (AC 98 V)	0.8 A	1.5 A	0.8 A	1.5 A
	Primary current (AC 265 V)	0.3 A	0.38 A	0.3 A	0.38 A
	Inrush current:	Limited by NTC			
PROTECTION	Short-circuit protection:	By disconnecting the power supply with cyclical restart			
	Protection against over-voltages on consumption output:	Incorrect control or connection errors due to cyclical separation restart when output voltage > $U_n + 10\%$			
	Short circuit if:	$U_{\text{output}} < 6 \text{ V}$ or $I > 30 \text{ A}$			
ENVIRONMENT	Storage temperature:	-25 °C to +60 °C			
	Storage humidity:	10% to 95%			
	Operating temperature				
	- At 100% load:	-10 °C to +55 °C in the housing			
	- At 75% load:	-5 °C to +55 °C in the housing			
	Operating humidity:	20% to 95%			
	Operating altitude:	Above 2000 m, the temperature decreases by 5% every 1000 m			
MECHANICAL	Protection type:	IP20			
	Lifespan:	10 years at 25 °C ambient temperature, nominal mains voltage, 75% load			
	Housing:	ABS	Aluminium	ABS	Aluminium
	Weight:	0.5 kg	0.96 kg	0.5 kg	0.96 kg
	Installation:	For attachment to DIN rail or mounting plate	For attachment to DIN rail	For attachment to DIN rail or mounting plate	For attachment to DIN rail
SAFETY & EMC	Dimensions (B*H*T):	161*92*65 mm	100*124*122 mm	161*92*65 mm	100*124*122 mm
	Safety standards:	EN 60950-1; Class SELV; EN 62368-1	EN 60950-1; Class SELV	EN 60950-1; Class SELV; EN 62368-1	EN 60950-1; Class SELV
	EMV standards:	EN 61000-6-1, 6-2, 6-3, 6-4; EN 61000-3-2 (Class A); EN 55032 (Class B)	EN 61000-6-1, 6-2, 6-3, 6-4; EN 61000-3-2 (Class A); EN 55022 + A1 (Class B)	EN 61000-6-1, 6-2, 6-3, 6-4; EN 61000-3-2 (Class A); EN 55032 (Class B)	EN 61000-6-1, 6-2, 6-3, 6-4; EN 61000-3-2 (Class A); EN 55022 + A1 (Class B)