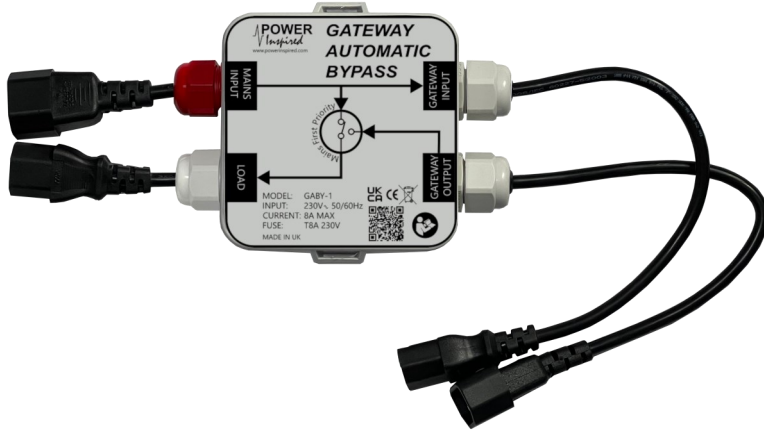


# GABY



**Automatic Bypass Switch for  
Power Inspired GATEWAY  
On Demand AC Power Source  
for Door Access Applications.**

**POWER**  
*Inspired*



In door access applications, there is a requirement to enable the door to be activated during a power cut. For example, the automatic closure of fire or security doors, or the opening of emergency exits. To that end, Power Inspired GATEWAYS are utilised in order to provide power on demand. However, any fault with the unit - notably defunct batteries - will prevent the unit from starting-up, even when mains power is available. This will prevent automatic operation of the door, and a failure to open or close essential access points.

GABY solves this issue by “wrapping around” the GATEWAY, providing mains power when available to maintain battery charge and supplying power directly to the load. If the mains power fails, only then will operation transfer to the GATEWAY. This provides an extra layer of power security.

In addition, when the GATEWAY is operating in ‘sleep’ mode, there is an inherent delay when activating the unit as it needs to ‘wake up’. With the mains first priority in GABY there is no delay - providing mains power is available.

MODEL	GABY-1
<b>Electrical Characteristics</b>	
Nominal Voltage & Frequency Input	230Vac 50Hz
Rated Current	8A
Internal Fuse	T8A 250V 5x20mm
Max Switching Capacity	2000VA
Active Power Consumption	0.75VA
Standby Power Consumption	0VA
MAINS activation range	184~276VAC
MAINS release	>36Vac
<b>Physical</b>	
Connections	IEC320 C13x2, C14x2 Flying leads
Unit Size	145x110x57mm + Leads
Unit Weight	300g
Packed Size	305x229x153 mm
Packed Weight	375g
<b>Environmental</b>	
Operating Temperature	-20~40°C
Operating Humidity	0~90% Rel Humidity Non condensing
Altitude	<2000m
Standards	BS EN62368 / RoHS

**Power Inspired Ltd.** Unit 122 Churchill Road, Bicester, Oxfordshire, OX26 4XD, UK.  
T: +44 1869 814055; W: [www.powerinspired.com](http://www.powerinspired.com); E: [info@powerinspired.com](mailto:info@powerinspired.com)

*Although every effort is made to ensure accuracy of this document, information is provided for guidance only and does not form part of any contract. Specifications are subject to change without notice.*