

About the Bliq Automatic Transfer Switch

By integrating an Automatic Transfer Switch (ATS) and installation cabinet, residential systems can be upgraded to provide reliable emergency power supply.

In case of grid failure, the ATS switches seamlessly to backup mode within milliseconds, maintaining uninterrupted power. Based on inverter capacity, either essential loads or the entire household can be supported.

Available versions:

- ATS 2P 63A 230V
- ATS 4P 63A 400V



Technical specifications	ATS 2P	ATS 4P
Grid Type	Single phase two wire	Three phase four wire
Voltage	230V	400V
Operating current (A)	63A	
Insulation voltage UI	690V	
Impulse withstand voltage Uimp	8kV	
Frequency	50/60Hz	
Class	PC class: switch on & loaded without short-circuit current	
Short-circuit current	5kA	
Short circuit protection device (fuse)	RT16-00-63A	
Control circuit	Rated control voltage: AC 230V, 50-60Hz. Normal working conditions: 85%-110%.	
Minimum main circuit requirement	230V, 50/60Hz (≥85% till ≤110%)	400V, 50/60Hz (≥85% till ≤110%)
Minimum back-up port requirement	≥ 3000 Watt inverter (sine wave)	

Technical specifications	ATS 2P	ATS 4P
Operating temperature	-5°C ~ +40°C	
Change-over-time (backup/main)	<50ms	
Max altitude	2000m	
Protection grade	IP30	
Mechanical life	≥8000 times	
Electrical life	≥1500 times	
Usage category	AC-31B	

General	ATS 2P	ATS 4P
Package	Automatic Transfer Relais + 5-way installation box + screws & plugs	
ATS Nett dimenions (L*W*H)	108mm * 50.5mm * 78mm	108mm * 82.5mm * 78mm
ATS Nett weight (gram)	346 gram	528 gram
Installation box Nett dimenions (L*W*H)	170mm *129mm * 95mm	
Installation box Nett weight (gram)	311 gram	
Carton Nett dimenions (L*W*H)	180mm * 135mm *105mm	
Carton Nett weight (gram)	732 gram	907 gram

Other	ATS 2P	ATS 4P
Certification	CE, RoHS	
Technical characteristics	Class A	
Standard	EN IEC 60947-6-1:2023	
Warranty	2 years	
SKU	B-INV-ACC-ATS-2P	B-INV-ACC-ATS-4P

Support needed?

We're always here to help.

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