

FAC Q

Battery chargers



FAC Q: Battery chargers for industrial applications

Salicru's Battery Charger **FAC Q** serie, the technology used in high quality power supplies for telecommunications equipment, are characterised by their architecture based on high frequency switching and offering numerous additional services as opposed to other solutions, which gives greater profitability in the industrial process.

The **FAC Q** serie are easily adaptable to a wide range of possible applications and contribute to maintaining a clean, reliable environment. On the mechanical level, the **FAC Q** are characterised as offering the wall solution as the most effective in hospitals.

Applications: Electrical Protection And Battery Charging

The **FAC Q** series is especially conceived to correctly supply all kinds of emergency lighting, surgery lamps, security and alarm circuits, power supply circuits to machines with irreversible processes, converters, breakers, etc.



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Performances

- Switched technology.
- High efficiency and precision.
- Low output voltage curl.
- Great flexibility in powers and voltages.
- Permanent protection against short circuits and overloading.
- Excellent dynamic behaviour.
- Capacity to withstand large starting peaks.
- High power factor.
- Low starting current.
- Lower weight and heating.

Options

- Voltmeter / Ammeter.
- Version I: Normal Contactor / Emergency.

Technical support and service

- Pre-sale and after sale advisory service.
- Multiple formulae for maintenance and telemaintenance.

Technical specifications

MODEL		FAC Q
INPUT	Rated voltage	230 V ± 10%
	Rated frequency	50 / 60 Hz
	Power factor	0.7
	Protection	Circuit breaker
	Performance	> 85%
OUTPUT	DC nominal voltage	Normal 24 V AC / Emergency 24 V DC
	Rated current (A)	Depending on the model
	Accuracy	± 1%
	Ripple	< 200 mVpp
	Power	250, 350, 500, 600, 700 W
BATTERY	Protection	Circuit breaker
	Charging current	3 A
	Protection against overvoltages and undervoltages	Yes
	Ni-Cd / Pb-Ca	Optional / Yes
	Charge type	I / U
COMMUNICATION	Ports	Standard relay interface
SIGNALLING	LED synoptic	Yes
	Acoustic end of autonomy	Yes
GENERAL	Operating temperature	0° C ÷ + 40° C
	Relative humidity	Up to 95%, non-condensing
	Maxium operating altitude	2400 m.a.s.l.
	Degree of protection	IP21
	Isolation	> 10 MΩ
	Cooling	Natural
	Acoustic noise at 1 metre	< 40 dB
STANDARDS	Safety	EN IEC 62477-1/A12
	Electromagnetic compatibility (EMC)	UNE EN IEC 61000-6-2/-3
	Corporate cerfication	ISO 9001, ISO 14001, ISO 45001

Information subject to change without notice.



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