

SOLAR PANEL KIT



A greener solution, solar panels utilise a renewable energy source in order to power the installation. Solar energy offers reliability even on a cloudy day, and added flexibility for installations in remote settings. FAAC now offers a complete solar kit which works with the entire 24V range of operators and barriers.

For remote locations with limited usage

The kit has been sized to work in locations where supplying mains voltage would not be practicable or the cost implication would be significant and the expected usage is relatively low throughout the cycle.

(Use our online Calculator at faac.co.uk to determine suitability)

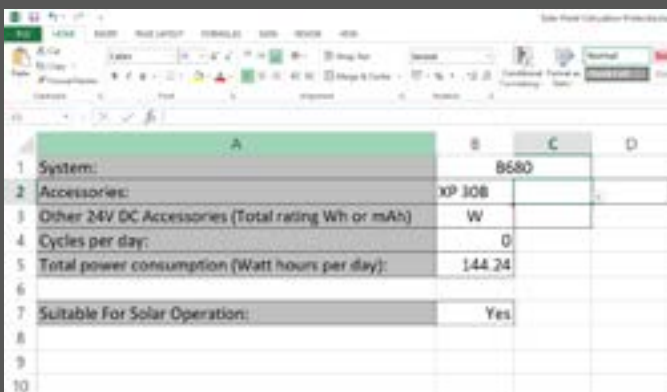


Compatible with our current 24v control board range FAAC Solar Panel Kit is designed for use with our B614 24v Barrier, B680H 24v Barrier, C720 and C721 Sliding Gate Operators, E124 24v Control Board and E024S Control Board.

Easy to assemble with no special tools required (please note a mobile scaffold tower is recommended during final assembly).

N-SOLAR200W KITS		N-SOLAR600W KITS	
Qty	Description	Qty	Description
2	100w Solar Panels 1200mm x 54mm x 35mm each	2	300W Solar Panels 1640mm x 990mm x 35mm
1	10A 12V/24V controller	1	20A 12V/24V Controller
1	MC4 Connector (pair)	1	TMC4 Connector (Pair)
1	5m Battery Cable 2.5mm ² with fuse	1	5m Battery Cable 2.5mm ² with fuse
2	12V 45Ah Battery	2	12V 45Ah Battery
1	Steel enclosure 210mm x 500mm x 500mm	1	Steel Enclosure 210mm x 500mm x500mm
1	Vent for enclosure	1	Vent for Enclosure
1	Battery Shelf	1	Battery Shelf
3	Cable gland	3	Cable Gland
1	Molex Connector	1	TMC4 Connector (Pair)

Calculator



For your benefit, we have created a calculator in order to determine if the Solar Panel Kit will be suitable for your system based on the parameters provided (Please note that the calculator refers to the E124 Control Board with 2 no S800 Hydraulic Operators as they would generate the greatest load on the Solar Panel Kit). If you have any questions on the sizing, please do not hesitate to contact us to discuss your requirements further.

Solar Kit Wiring

Technical data - Controller/Battery including housing

Rated voltage	24V
Maximum Current load	10 Amp
Battery Capacity	Housing Protection Rating
Housing Protection Rating	IP66 (assuming cable glands used)
Operating temperature	-25°C to +55°C
Dimensions	210mm x 500mm x 500mm
Weight	41.5kg including batteries

Technical data - Solar Panels

Rated voltage	24V - 2no 12V Panels wired in series
Peak Power	100W
Operating Temperature	-40°C to +85°C
Dimensions	1200mm x 540mm x 35mm
Weight	8.5kg

