

Solar Kit for Gate Openers

SOLAR-KIT

Operate your Merlin or Grifco Gate Opener* without mains power.

KEY FEATURES

HIGH CAPACITY

Two 18Ah batteries and 40W Solar Panel included.

DURABLE

IP65 rated and designed in Australia for Australian and New Zealand conditions. 3-year warranty.[^]



EXPANDABLE

A second 40W Solar Panel can be added for areas with low sunlight.[†]

- Kit includes all key components to power your compatible Merlin or Grifco gate opener - solar panel, batteries, enclosure, mounting kit, cables and mains charger.

- Flexible Solar Panel mounting: the sturdy, adjustable Solar Panel Mounting Kit enables the solar panel to be positioned for maximum sunlight exposure.

*COMPATIBLE GATE OPENERS



LG-DRIVE
GLD-G0



SLIDE 600
MGSK600



SWING A 200
MGASK/MGADK



SWING L 300
MGLSK/MGLDK



SWING LR 500
MRGLSK



Compliant to Australian and New Zealand
Standard AS/NZS 60335.2.103

INCLUDED IN THE KIT



SOLAR POWER ENCLOSURE with
mounting brackets



2 X 18AH BATTERIES (mounted in Solar
Power Supply Enclosure)[^]



240V MAINS POWER PACK with battery
charge plug with adaptor cable



SOLAR POWER KIT TO GATE OPENER
POWER CABLE (4m)



SOLAR PANEL with cable (4m)



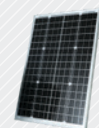
SOLAR PANEL MOUNTING BRACKET and
mounting hardware



SECURITY SCREWS AND TOOLS

ADD-ONS

FOR DUAL SOLAR PANEL INSTALLATIONS



**40W SOLAR
PANEL**
SP40W



**SOLAR PANEL
MOUNTING KIT**
SP-MOUNT-KIT



**DUAL SOLAR PANEL
CABLE CONNECTOR**
041A0573

[†] If a second 40W Solar Panel is added, the Dual Solar Panel Cable Connector with 4m cable (041A0573) is required. The Solar Panel Mounting Kit (SP-MOUNT-KIT) is also recommended. [^] The warranty period for the Solar Kit Batteries is 12 months from the date of purchase.

Solar Kit for Gate Openers

SOLAR-KIT

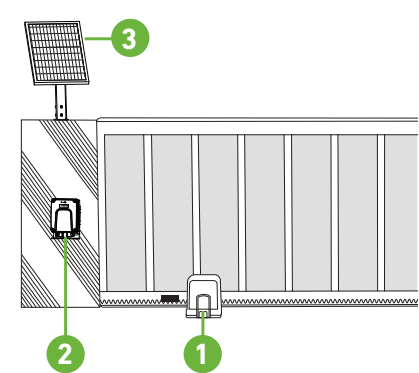


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TYPICAL INSTALLATION

SLIDE GATES

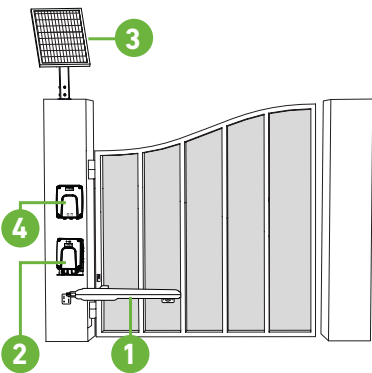
Merlin Slide 600, Grifco LG-Drive



- 1. Gate Opener
- 2. Solar Power Supply Enclosure
- 3. Solar Panel

SWING GATES (LINEAR)

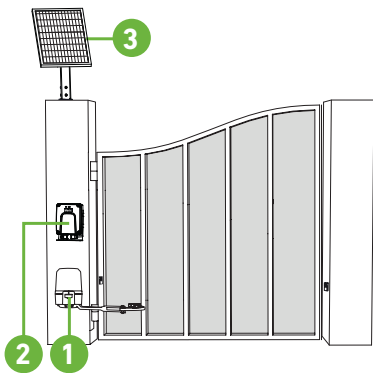
Merlin Swing L 300, Merlin Swing LR 500



- 1. Gate Opener
- 2. Solar Power Supply Enclosure
- 3. Solar Panel
- 4. Logic Box

SWING GATES (ARTICULATED)

Merlin Swing A 200



- 1. Gate Opener
- 2. Solar Power Supply Enclosure
- 3. Solar Panel

INSTALLATION CONSIDERATIONS



- Choose a location that faces due North and is fully exposed to sunlight. Partial shade or obstructions will significantly reduce the solar panels ability to recharge the batteries.
- An installation may require one or two solar panels depending on your application, access to solar radiation each day, cycles required each day and the connected accessories.
- During extended periods of low solar radiation, charging the Solar power supply system may be required with the AC charging adaptor.
- For full installation guidance, download the product manual from gomerlin.co.nz or gomerlin.com.au.

STANDARD SPECIFICATIONS

Solar Power Supply		Solar Panel	
Rated Voltage	21.6VDC to 35VDC	Peak Power (Pmax):	40W / 34.2V
Maximum Output Current	5 Amps	Maximum Current:	1.17A
Battery Capacity	2 x 18Ah	Maximum Voltage:	34.2V
Recharge Time (AC Charger)	Approx 24 hours	Operating Temp Range	-40°C to +85°C
Operating Temp Range	-20°C to +50°C	IP Rating	IP65
IP Rating	IP65	Dimensions	620mm x 400mm x 25mm
Dimensions	335mm x 230mm x 210mm	Weight	2.6Kg
Weight	15Kg		

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