

FLEXmax FM60 60A MPPT Charge Controller by Outback Power



Price: CAD \$1,099.00

SKU: OPFM60

Product Categories: [MPPT : 60A-100A](#), [Charge Controllers](#), [Shop](#)

Product Tags: [60a](#), [60a mppt](#), [canada](#), [charge controller](#), [flex max](#), [flexmax](#), [flexmax 60](#), [flexmax 60 canada](#), [fm60](#), [MPPT](#), [outback](#), [outback fm60 canada](#), [outback power](#), [solar](#), [solar charge controller](#)

Product Page:

<https://www.modernoutpost.com/product/outback-flexmax-60-mppt-charge-controller/>

Product Summary

The FM60 is part of the FLEXmax family of Maximum Power Point Tracking (MPPT) charge controllers from OutBack Power. The innovative FLEXmax MPPT software algorithm is both continuous and active, increasing your photovoltaic array power yield up to 30% compared to non-MPPT controllers.

Free shipping In Canada

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Included in all of the FLEXmax Charge Controllers are the revolutionary features first developed by OutBack Power, including support for a wide range of nominal battery voltages and the ability to step-down a higher voltage solar array to recharge a lower voltage battery bank. A built-in, backlit 80 character display shows the current status and logged system performance data for the last 128 days at the touch of a button. The integrated OutBack network communications allows FLEXmax series Charge Controllers to be remotely programmed and monitored via a MATE system display and provides unrivaled complete system integration.

Outback FM60 Specifications...

Maximum Output Current :

60A @ 104°F (40°C) with adjustable current limit

Nominal Battery Voltages :

12, 24, 36, 48, or 60VDC (Single model, selectable via field programming at start-up)

PV Open Circuit Voltage (VOC) :

150VDC absolute maximum coldest conditions / 145VDC start-up and operating maximum

Standby Power Consumption :

Less than 1W typical

Charging Regulation :

Bulk, absorption, float, silent and equalization

Remote Display and Controller (Optional) :

MATE3, MATE or MATE2

Data Logging :

Last 128 days of operation: amp-hours, watt-hours, time in float, peak watts, amps, solar array voltage, max. battery voltage, min. battery voltage and absorb time, accumulated amp-hours, and kWh of production

Environmental Rating :

Indoor Type 1

Weight (lb/kg) :

11.65 / 5.3

Dimensions (in/cm) :

16.25 x 5.75 x 4.5 / 41.3 x 14.6 x 11.4

Certifications :

ETL Listed to UL1741, CSA C22.2 No. 107.1

[Download the full FM60/80 Spec Sheet\]](#) [Download the User Manual\]](#)

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 5.9 kg