

## FLEXmax 80 MPPT Charge Controller by Outback Power



Price: CAD \$1,249.00

**SKU:** OPFM80

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

**Product Tags:** [canada](#), [charge controller](#), [flex max](#), [flexmax](#), [flexmax 80](#), [fm80](#), [MPPT](#), [outback](#), [outback power](#), [solar](#), [solar charge controller](#)

**Product Page:**

<https://www.modernoutpost.com/product/outback-flexmax-80-mppt-charge-controller/>

### Product Summary

The FM80 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**

## Product Description

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Outback FlexMax 80 (FM80) Specifications...

### **Maximum Output Current :**

80A @ 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) :**

12.20 / 5.53

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

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 5.9 kg