

# Specifications

## General Information

Weight	Approximately 3.5kg (7.8lbs)
Dimensions	245 x 215 x 145mm (9.6 x 8.5 x 5.7inches)
Capacity	256Wh (20Ah 12.8V $\approx$ )
Wi-Fi (2.4G)	Frequency range : 20M: 2412-2462MHz/40M: 2422-2452MHz Maximum output power : 0.071W
Bluetooth	Frequency range : 2402-2480MHz Maximum output power : 0.005W
Model	EFR600

## Input Specifications

AC Input	100V-120V $\sim$ 50Hz/60Hz, 8A Max
Car Charging Input	12V/24V $\approx$ 8A, 100W Max
Solar Charging Input	11-30V $\approx$ 8A, 110W Max
USB-C Input	5/9/12/15/20V $\approx$ 3A, 60W Max

## Output Specifications

USB-C Output	5/9/12/15/20V $\approx$ 3A, 60W Max
USB-A Output	5V $\approx$ 2.4A 12W Max per port
DC Output	12.6V $\approx$ 8A, 100W Max
AC Output	Pure sine wave, 300W total (600W peak), 120V $\sim$ 50Hz/60Hz*

## Battery Specifications

Cell Material	LFP battery
Cycle Life	80%+ capacity after 3000 cycles

## Operating Temperatures

Optimal Ambient Temperature for Operation	20°C $\sim$ 30°C(68°F to 86°F)
Ambient Temperature for Discharging	-10°C $\sim$ 45°C(14°F to 113°F)
Ambient Temperature for Charging	0°C $\sim$ 45°C(32°F to 113°F)
Ambient Temperature for Storage	-10°C $\sim$ 45°C (optimal: 20°C $\sim$ 30°C) 14°F to 113°F (optimal: 68°F to 86°F)

\*Do not switch the AC output frequency at will, as it may cause some electrical appliances to stop working.