

BATTERY	
Battery Capacity Charge Time	20Ah 12.8V 256 Wh LiFePO4 5 Hours from a wall socket 6 Hours Direct Sunlight from EP-55 Solar Panels LiFePO4 is a long-life battery containing extremely low levels of lithium (24 grams), making this technology extremely safe and reliable. NO THERMAL RUNOFF. OK to ship ground (labeled). OK for carry-on & checked luggage on commercial airline
OUTPUTS	
USB (4 Sockets) 12V DC Socket AC Universal Inverter	5V 2A Max 12V \pm 20% 10A 100 Watt Modified Sine Wave 100 Watt maximum output
INPUT	
DC	15V 4A (For charging and daisy chaining)
GENERAL	
Dimensions Closed Total Weight Best Operating Temp Operating Conditions	16.5"H x 20.2"L x 4.2"D 8 LBS 0°C - 50°C, 32°F - 120°F Only the neoprene carrying case is weather-resistant

The chart below describes how long you can power a device based on the amount of watts each device requires. The SunSocket™ EnergyBar™ 250 has a 250Wh LiFePO4 battery built in. When fully charged.

DEVICES	WATTS	Power Duration w/ Full Battery
Phones, Tablets, Chargers, Small Fans, Portable GPS Navigation, LED Lighting	10	25 Hours
	20	12.5 Hours
LED/LCD Televisions, Video Game Consoles, Radios, DVD Players	30	8.3 Hours
	40	6.3 Hours
	50	5 Hours
Laptops, Electric Coolers, Large Fans	60	4.2 Hours
	70	3.6 Hours
Multiple Devices Charging Simultaneously	80	3.1 Hours
	90	2.8 Hours
MAXIMUM OUTPUT	100	2.5 Hours

Note: AC and 12V DC Out have MAX output of 100 Watts, All figures are estimations assuming a full battery.

For more information about the SunSocket™ EnergyBar™ 250, please visit AspectSolar.com