



## EFUEL 230W/17A POWER SUPPLY

### 17A/230W

#### SPECIFICATIONS

Input Voltage	100-240V AC
Input AC Frequency	50-60Hz
Output Voltage	13.8V DC±0.2V
Output Current	17A±0.5A
Current Overload Protection	>17.5A 500MS
Input Fuse	5A Fuse
Output Voltage Ripple	<150mV
Power Efficiency	91%
Power Factor	>0.98
Over Temperature Protection	>65°C
Dimensions (LxWxH)	125.7x92.7x50.5mm
Operating Temperature	0-40°C
Cooling Method	Cooling Fan
Operating Humidity	0-90%
Net weight	602g



Worldwide AC Voltage

PFC Power Factor Correction

## RS16 16<sup>180Watt</sup> AMP

### Multi-Chemistry Balance Charger/Discharger

#### SPECIFICATIONS

DC Input	11-18Vdc
Charge Circuit Power	DC 180W
Discharge Circuit Power	30W
Charge Current Range	0.1-16A
Discharge Current Range	0.1-8A
NiMH/NiCd Battery Cell Count	1-15Cells
LiPo/LiFe/LiIon Cell Count	1-6Cells
Pb Battery Voltage	2-20V
Current Drain for Balancing	200mA/cell
Dimension	92x111.4x50mm
Net Weight	405g

Compatible with Charger Master V1.\*\*



SK-100078

## RSTW Tire Warmer

#### SPECIFICATIONS

Input	11-18V
Temperature Range	20-80°C, 100°C (68-176°F, 212°F)
Keys	JoyStick -▲Up, ▼Down, ◀Left, ▶Right
Dimensions	92x111.4x50mm
Weight	440g / 1lb.52oz

\* Atmospheric conditions may affect the final tire temperature.



### Direct Plug Docking System

DC output on the top of the eFUEL 230W/17A power supply is designed for docking into the RS16 Charger and RSTW Tire Warmer via dual banana connectors.



All-new Design





The eFUEL can convert standard household power 100-240V AC to 13.8V DC power and supply max 17 amperes of continuous power. It delivers smooth and reliable power and it not only enables RacingStar RS16 Charger but also RacingStar RSTW Tire Warmer to dock directly without the use of messy DC cables. It can also be used with other DC devices.

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AC Input 100-240V

Worldwide operation: need  
not any alternative switcher,  
worldwide safe operation.



## Safety Features



Over current, over temperature protection.  
Short-circuit protection on output, safer and more reliable.

## Direct Plug Docking System

There is DC output on the top of the power supply and it is designed for use with RacingStar RS16 Charger and RacingStar RSTW Tire Warmer. A pair of dual banana plugs which is used to connect the Charger/Tire Warmer and power supply are included in the package.



### Nine LED indicators

Nine LED indicates output power from minimum to maximum.

### 5V / 2.1A USB Ports

USB power 5 volts, 2100mA for iPad, mobile phone, digital cameras and etc.



### Smart Cooling Fan

It will turn on at 50 °C upon the temperature automatically.



DC Output 1

Smart Cooling Fan

DC Output 2

USB Power 5V / 2.1A

## Two DC Outputs

Two DC power outputs, total output power up to 17 amperes. Output 1 is located on the top and the output 2 is located on the right side of the power supply.





## Active PFC

Active PFC Design: smaller AC input current less interference, and conform to CE regulations.



Power Factor Correction (PFC) allows power distribution to operate at its maximum efficiency. There are two types of PFC, Active PFC and Passive PFC

The preferable type of PFC is Active Power Factor Correction (Active PFC) since it provides more efficient power frequency. because active PFC uses a circuit to correct power factor, active PFC is able to generate a theoretical power factor of over 95%. Active Power Factor Correction also markedly diminishes total harmonics, automatically corrects for AC input voltage, and is capable of a full range of input voltage.

**Super Compact Size**  
**EFUEL 230W/17A Power Supply**

