

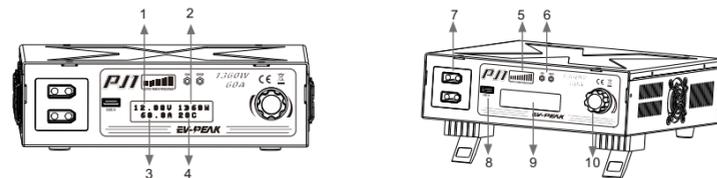
**PJ1 1360W/60A Adjustable dual power supply**

**Introduction**

Thanks for buying this high power dual output switch power supply PJ1 from EV-PEAK. This instruction is intended to help you quickly familiar with PJ1 function. so before using, please be sure to read the manual carefully. The PJ1 adopted a new circuit design, and by the skilled professionals with high standards of process meticulously, you can rest assured to use.

The switching power supply using household 100-240V/AC power supply, and will be converted to stable 12-24V DC power supply, can provide up to 60A of output current.

This instruction covered informations of safe operations, warnings and safety notes, please read the operation instructions carefully and completely before using, or use this product accompanied by professionals.



- 1. Output voltage
- 2. Output power
- 3. Output current
- 4. Internal temperature
- 5. Output power percentage
- 6. Run/Error LED indicator
- 7. XT90 Connector
- 8. USB power 5V / 2.1A
- 9. LCD display screen
- 10. Output voltage knob

**Specification**

AC input voltage.....	100- 240V
AC input frequency.....	50-60Hz
Output voltage.....	DC 12.0V- 24.0V (±0.5V)
Output current.....	0.1A- 60A (±1A)
Current overload protection.....	> 65A
Output voltage ripple.....	250mV
Power efficiency.....	88%
Power factor.....	0.98
Over temperature protection.....	> 70°C
Operation temperature.....	0- 40°C
Cooling method.....	cooling fan
Dimension(L*W*H).....	235x285x85mm
Weight.....	3400g

Product specifications and information in this manual are for reference only. If the content is subject to change without further notice.

**Features**

- Active PFC design: efficient electronic energy Utilization, the output voltage is not affected by input voltage fluctuation
- Dual DC output, total output power up to 1350W/60A, output connector is XT90.
- Smart cooling fan turned on upon the temperature automatically with low-noise;
- LCD display output voltage/output current/output power percentage
- Output voltage adjustable, range from 12V to 24V
- Built-in USB power, 5V/2.1A for iPad, mobile phone, digital camera and etc;
- AC 100-240V worldwide operation: no need any alternative switcher, worldwide safe operation;
- Short circuit, over current and over temperature protection, safer and more reliable
- Dual output is parallel connect circuit, total output current is max 60A

**Safety notes**

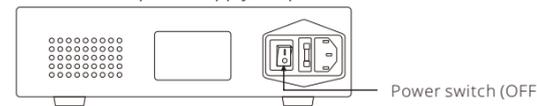
These warnings and safety notes are very important, when use the power supply need follow the instructions carefully. Incorrect operation could result in the power supply or other equipments damage, even cause the electric shock or fire.

- Do not use the power supply when it is unattended, if have any problems, please cut off the power and check it.
- Do not use the power supply near water (for example, a bathtub, washbowl, kitchen sink, laundry tub, wet basement, or swimming pool).
- Do not place the power supply on an unstable cart, stand or table, if the power supply falls, it could.
- Do not overload power outlets or extension cords. An overload can result in fire or electric shock.
- Do not disassemble this unit, take it to a qualified service technician when service or repair is required, improper reassembly may result in a risk of electric shock or fire.
- Do not use an attachment not recommended, this could result in a risk of fire, electric shock, or injury to persons.
- Never push any object into slot in the power supply, it could touch dangerous voltage points or short out parts resulting in a fire or electrical shock.
- The power supply should be operated only from a standard AC outlet that provides 100-240V, 50/60HZ. If you are not sure of the type of power supplied to your home, consult your local power company.
- To protect the power supply during a lightning storm or when it left unattended and unused for long periods of time, unplug it from the AC outlet. This will prevent to the power supply from lightning and power surges.
- Unplug the power supply from the outlet before attempting any maintenance or cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning and then wipe it dry immediately.
- If your power supply does not operate normally, in particular if any unusual or smells come from it, unplug it immediately and contact a qualified service technician for repair.

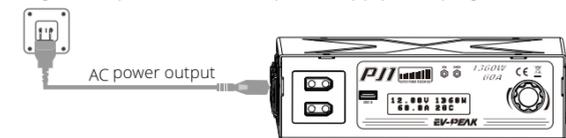


**Operation instruction**

1. Before use the power supply, keep the switch " OFF "

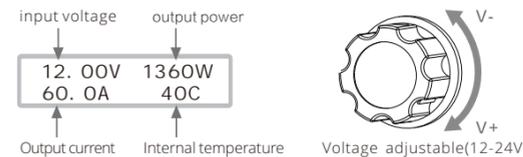


2. Plug the AC power cord to the power supply, then plug into AC 100-240V socket

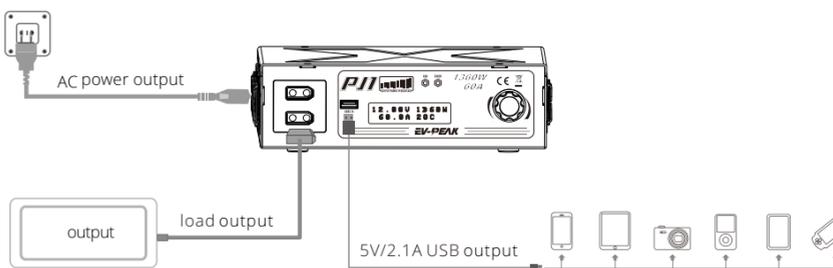


- ⚠ Make sure all output connect are correct before turn on the power supply
- ⚠ Make sure the power switch is OFF and AC power socket is on

3. Keep the power switch ON, LCD will display Output voltage, Output power, Output current and Internal temperature. You could adjust the voltage according to your needs form 12-24V.



4. Connect the charger or DC device to the power supply, make sure the correct polarity.

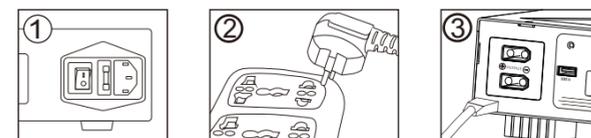


⚠ To avoid to damage both power supply and device, please follow the correct polarity when connecting the power supply and the device. Do not let the ends of the positive and negative wires touch each other.

5. LED display output power percentage



6. After using, turn off the power switch firstly, then disconnect the AC power socket, disconnect the charger or other device finally.



**Warning and Error messages**

In the case of the error, the screen will show the reason for the error.

Warning! Over load.	Over load	remove the load, turn off the power switch, then rework the power supply
Warning! Over current.	Over current	remove the load, turn off the power switch, then rework the power supply
Warning! AC undervoltage.	AC undervoltage	change suitable AC power socket
Warning! Overheating.	Over heating	remove the load and improve the heat dissipation environment
Warning! Short circuit.	Short circuit	exclude the faulty point or load, turn off the power switch, then rework the power supply

⚠ When errors happen, the power supply will automatically shut down, please deal with it as the suggestions, if you could not rework it, please contact the local distributor or professionals immediately.

**Warranty**

Thank you for purchasing this power supply, EV-PEAK will do our best to provide you with a comprehensive after-service and protect your rights. If you have problems with this charger, please contact local distributor immediately.

The warranty does not cover below situations:

1. Failure to use correct input voltage (100-240V)
2. Failure to follow instruction manual
3. Mechanical damage due to external causes ;
4. Disassembly, modification by the user (modifying original connectors, wires, components, etc.).
5. Running in inadequate conditions (damage or rust from rain, humidity, etc.)
6. The ageing of the product surface shell, bruising and scratch.

Note: The user should bear any consequences caused by operating. EV-PEAK is not responsible for the charge that exceed cost and reserve the right to amend terms; If have some changes will have no future notice.

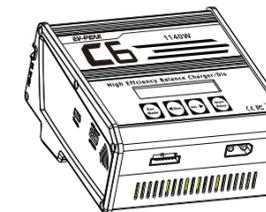
**Warning**

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Warning: If the surface is cracked, switch off the appliance to avoid the possibility of electric shock. For indoor use only.



**Related products**

C6 Charger



A8 Charger



**EV-PEAK**  
EV-PEAK Electronic Technology (HK) Co., Ltd  
www.ev-peak.com



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