

LC-POWER
LC6850M Fully
Modular ATX
Power Supply



LC-POWER LC6850M Fully Modular ATX Power Supply Instruction Manual

[Home](#) » [LC-POWER](#) » LC-POWER LC6850M Fully Modular ATX Power Supply Instruction Manual 

Contents

- 1 LC-POWER LC6850M Fully Modular ATX Power Supply
- 2 Product Usage Instructions
- 3 FAQ
- 4 Introduction
- 5 Safety
- 6 Important safety instructions
- 7 Warranty
- 8 CONTACT
- 9 Documents / Resources
 - 9.1 References

LC-POWER™

LC-POWER LC6850M Fully Modular ATX Power Supply



Product Usage Instructions

- The LC6850M V3.0 power supply is compatible with all currently available mainboards thanks to the powerful +12V rail and the 24-pin mainboard connector.
- If your mainboard requires an additional 12V connector, utilize the separate 4-pin square connector (4 or 4+4 pin).
- Enjoy super silent operation and efficient cooling with the high-quality 135mm fan.
- The power supply includes four PCIe (6+2 pin) connectors and one PCIe 5.0 (12+4 pin) connector for powerful graphics cards.
- Connect SATA and PATA devices such as hard disk drives, optical drives, or case fans.
- The modern technology of the power supply reduces power consumption in standby mode to less than 0.5W and increases efficiency up to 90%.
- Despite the low rotational speed of the fan, the power supply offers effective cooling for your system.
- Do not open the power supply unit to avoid high voltage risks.
- The guarantee expires if the cover is removed or the seal is damaged.
- Only trained specialists should repair the unit.
- Avoid blocking ventilation grilles and openings.
- Connect only the provided modular cables.
- Store in a dry environment away from humidity.
- Use the power supply unit only for computer integration.

FAQ

- **What is the warranty period for the LC6850M V3.0 power supply?**
 - The product comes with a 3-year manufacturer warranty from LC-Power. Contact your retailer for servicing within the warranty period.
- **What happens if I remove the seal or serial number sticker?**
 - If the seal or serial number sticker is removed, damaged, replicated, or mistreated, service may not be provided under warranty by LC-Power.
- **Can I use this power supply for purposes other than computer integration?**

- No, the power supply unit should only be used for integration in a computer system. Any other type of use is strictly prohibited.

Introduction

LC6850M V3.0

SUPER SILENT MODULAR SERIES – ATX SWITCHING POWER SUPPLY

- Thank you for choosing a full-range power supply from LC-Power.
- The Super Silent Modular Series offers precise performance and versatile connectors for the most currently used hardware.
- It also features an unusually high efficiency and a massive cooling capacity.
- Please make sure the system and power supply are turned off before any installation.
- Installation under professional supervision is strongly recommended.

Important

If you face any trouble connecting your devices or feel unsure how to connect them, please refer to your local dealer to avoid any personal damage or damage on your hardware. Please fasten the power supply with four screws on the back of the computer case to avoid damage to your components.



- Thanks to the powerful +12V rail and the 24-pin mainboard connector you can use the power supply with all currently available mainboards.
- If your mainboard needs an additional 12V connector, use the separate 4-pin square connector (4 or 4+4 pin).
- Enjoy super silent work and a massive cooling capacity thanks to the high-quality 135 mm fan.



- Including four PCIe (6+2 pin) and one PCIe 5.0 (12+4 pin) for powerful graphics cards.
- Connect SATA and PATA devices like hard disk drives, optical drives or case fans.



The modern technology of the power supply decreases the power consumption in standby mode to less than 0,5 W and increases the efficiency of the power supply up to 90 %. Though the super silent 135 mm fan only works with a low rotational speed, the power supply offers a massive cooling capacity for your system.

Safety

- The power supply has been CE and TÜV approved as well as 80 PLUS® GOLD certified and offers all popular security circuitry e.g. OCP, OPP, OVP, SCP, UCP.
- Additionally, the power supply offers Active PFC (active power factor correction) and has been built according to the current RoHS and ErP directives.

Power output

AC Input	100,0-240,0 V ~ 10,0 A 50-60 Hz Active PFC ATX V3.0				
DC Output	+3,3 V	+5,0 V	+12,0 V	-12,0 V	+5,0 Vsb
Output Current	20,0 A	20,0 A	70,8 A	0,4 A	3,0 A
Combined Output Power	100,0 W		849,6 W	4,8 W	15,0 W
Max. Combined	850,0 W				

Important safety instructions

- Do not open the power supply unit under any circumstances. Risk of high voltage inside the power supply unit!
- The guarantee expires as soon as the power supply cover is removed and/or the guarantee seal is damaged (see also point "warranty notice")
- Only trained specialists are allowed to repair the power supply unit
- Do not insert any objects into the ventilation grille and/or the other openings of the power supply unit
- Do not place any objects in front of the ventilation grille and/or the other power supply openings to avoid blocking the airflow
- Connect only the modular cables to the power supply which are included in the delivery
- Store the power supply in a dry environment and keep it away from any kind of humidity
- The power supply unit shall only be used for the integration into a computer system. Any other type of use is strictly prohibited!

Warranty

Warranty notice

LC-Power offers a 3-year manufacturer warranty for this product. Within the warranty period, LC-Power will repair or replace your power supply if damage occurs due to a mistake in manufacturing. We will not be able to provide service if:

1. the seal and/or serial number sticker has been removed, damaged, replicated or mistreated in any other form.
2. the product has been installed in a wrong way, altered, or misused in any other way than its original purpose of use.
3. you upgrade to new components that are not supported by this product.
4. damages occur due to natural disasters or force majeure.

Please contact your retailer about his servicing method, he will take care of the product exchange or repair within

the warranty period. A direct replacement through us is not possible, a case of service will always be handled by your retailer/trade partner.


Declaration of Conformity

- Silent Power Electronics GmbH, Formerweg 8, 47877 Willich, Germany hereby declares that the product power supply unit LC6850M V3.0 complies with the directives 2014/30/EU and 2014/35/EU.
- The full text of the EU Declaration of Conformity is available at the following internet address: www.lc-power.com.




CONTACT

- Silent Power Electronics GmbH, Formerweg 8, 47877 Willich, Germany, support@lc-power.com, www.lc-power.com

Documents / Resources

	<p>LC-POWER LC6850M Fully Modular ATX Power Supply [pdf] Instruction Manual LC6850M, LC6850M Fully Modular ATX Power Supply, Fully Modular ATX Power Supply, Modular ATX Power Supply, ATX Power Supply, Power Supply, Supply</p>
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References

-  [Homepage | Power Integrations](#)
-  [Startseite - LC-Power](#)
-  [Startseite - LC-Power](#)
- [User Manual](#)

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