

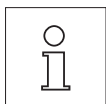


Introduction

Thank you for purchasing the PowerPac-M-12V from METTLER TOLEDO. The PowerPac is an uninterruptable power supply (UPS) and can be used for operating METTLER TOLEDO Balances without using mains power supply as well for power backup by power shortage.

Safety Notes and General Information

Please read through these installation instructions carefully: Safety is guaranteed only if the balance is operated according to the instructions. These instructions are meant as a supplement to the operating instructions of the balance you intend to operate with the PowerPac.



PowerPacks are not fully charged when they are shipped. New PowerPacks need to be fully charged and discharged up to five times before performing at full capacity. Charge at least once every three months.

If the balance is powered by grounded power supply such as XP, XS etc., it will be no longer grounded in PowerPac operation and in certain circumstances the weighing result may be influenced by ESD interference.



The PowerPack must not be operated in potentially explosive atmospheres.



- For charging the PowerPac, use only the METTLER TOLEDO AC adapter supplied with the balance. Do not attempt to charge the PowerPack by any other means.
- It is normal that the PowerPac becomes warm during charging but if the PowerPack becomes too hot to the touch, disconnect it immediately. Contact METTLER TOLEDO customer service.
- Never attempt to disassemble or reassemble.
- Avoid placing the PowerPac in the vicinity of hot or flammable objects.
- Do not expose to fire, water and avoid short circuit possibilities.



Do not throw the PowerPac in the garbage can. Follow the local rules and regulations for the disposal of batteries.

METTLER TOLEDO

Operation

- 1 OUTPUT
- 2 RESET
- 3 INPUT
- 4 Button and charging indicators
- 5 Adapter
- 6 Cable



Input / Output

To charge the PowerPac, connect the AC adapter of your balance to INPUT (3).
 To operate your balance with PowerPac, connect the narrow plug to OUTPUT (1) and the wider plug to your balance.
 For balances, which are powered by grounded power supply like XP, XS etc. use the adapter (5) to ensure a safer connection.

Switch Off

To switch off the PowerPac completely, any cable need to be disconnected from the PowerPac. Otherwise the LED of the button will not extinguish.

Battery Condition

To check the battery status, press the Button (4).
 The charging indicators will display the battery condition.

Reset

In case of a short circuit the PowerPac will automatically switch off. To reactivate the PowerPac press RESET (2) e.g. with a paper clip.

Technical Specification

Battery Type	rechargeable Lithium Polymer
Charging time	Approx. 8 h
Power Input	12 V, 840 mA
Output Voltage:	12VDC
Maximum Output Current	1A
Ambient temperature range	0 °C – 45 °C and humidity at <75%
Storage temperature range	-10 °C – 55 °C and humidity at <85%

Height above mean sea level	up to 4000 m
Dimension:	143 x 80 x 23.5 mm
Net Weight:	337 g
Operation time	
XP/XS	≥ 9 h
MS / ML	≥ 15 h
AB / PB-S	≥ 20 h

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For more information

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Subject to technical changes
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