

Power Pack / Power Pack+



Intuitive, Portable and Robust

Originally developed to meet the demands of the Special Forces in Europe and the US, the °M Warmer's exceptional Danish design and quality ensures optimal performance every time.

The °M Warmer's intuitive set-up means that it is ready for use in seconds. And with two different versions of the Power Pack, there is an °M Warmer solution for all pre-hospital fluid warming needs. With the original Power Pack, you can warm up to 1,5 liters of cold blood. If there is a need for more fluid to be warmed on a single charge, then the Power Pack+ will warm up to 2 liters of cold blood.

Both solutions are small in size and light weight with the Power Pack weighing only 650g and the Power Pack+ a mere 60 grams more with exactly the same size and volume. They are both robust and sturdy, and can tolerate water and rough treatment. Both are approved for use in ambulances, helicopters and airplanes.

Making the critical uncomplicated

°MEQU

TECHNICAL SPECIFICATIONS



Power Pack



Power Pack+

DIMENSIONS

Size	9cm (W); 18cm (L); 3.5cm (H); cable length 120cm	9cm (W); 18cm (L); 3.5cm (H); cable length 120cm
Volume	0.57L	0.57L
Weight	650g	710g

POWER

Battery Nominal Voltage	21.6V	21.6V
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ENVIRONMENTAL

Operating Temperature – Fluid warming mode	0°C – +40°C	0°C – +40°C
Operating Temperature – Charging mode	10°C – +40°C	10°C – +40°C
Relative Humidity RH	15-95%	15-95%
Pressure	60-106kPa	60-106kPa
Storage Temperature	-20°C – +50°C	-20°C – +50°C
Shock and Vibration	EN 1789:2007 + A2 Sec. 6.4	EN 1789:2007 + A2 Sec. 6.4
Electrical Compliance	EN 60601-1	EN 60601-1

OPERATING PARAMETERS

Max Flow Rate (input temp. of 5°C, output temp. of 36°C)	150ml/min	150ml/min
Max Fluid Warming Volume on One Fully Charged Battery (output temperature of 36°C)	Input temperature 5°C: 1.5L Input temperature 21°C: 3L	Input temperature 5°C: 2L Input temperature 21°C: 4L
Output Target Temperature Range	39°C +/- 3°C	39°C +/- 3°C

RECHARGING

Standard Recharge Time	2.5 hours	3.25 hours
Standard Charger Input Voltage AC / DC	100-240VAC / 10-30VDC	100-240VAC / 10-30VDC
Number of Recharge Cycles	Min. 100 cycles	Min. 100 cycles
Electrical Compliance	EN 60601-1	EN 60601-1

IP CLASSIFICATION

Degree of Protection Against Harmful Ingress of Subjects/Water	IP54	IP54
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NATO STOCK NUMBERS

NSN	NSN 6515-22-631-8211	NSN 6515-22-635-2848
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