



User's Guide

ForceTriad™

Energy Platform

Performance Characteristics

General

Output configuration	Isolated output
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Cooling	Natural convection and fan
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Display	Three LCD touchscreens
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Connector ports	LED illuminated Smart connector readers
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Mounting	<ul style="list-style-type: none">• ForceTriad energy platform cart (FT900), Universal Mounting cart (UC8009), and/or the UC8010 Overshelf• Operating room boom systems• Any stable, flat surface such as a table or cart top
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Dimensions and Weight

Width	45.8 cm (18 in.)
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Depth	50.8 cm (20 in.)
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Height	25.5 cm (10 in.)
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Weight	13.6 kg (30 lbs)
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Operating Parameters

Ambient temperature range	+10° C to +40° C
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Relative humidity	30% to 75% non-condensing
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Atmospheric pressure	700 millibars to 1060 millibars
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Warm-up time	If transported or stored at temperatures outside the operating temperature range, allow one hour for the energy platform to reach room temperature before use.
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Transport and Storage

Ambient temperature range	-30° C to +65° C
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Relative humidity	0% to 90% (non-condensing)
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Atmospheric pressure	500 millibars to 1060 millibars
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Duration of storage	The ForceTriad energy platform may be stored indefinitely. If the energy platform is stored for over one year, the memory battery must be replaced.
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Internal Memory

Nonvolatile, battery-backed RAM	Battery type: Lithium Battery life: 120 mAh
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Storage capacity	256 KB
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Power Cord Specification

This unit was equipped from the factory with a 110 VAC hospital grade NEMA 5-15 power cord. Should the AC power cord need to be replaced to match another plug configuration, the replacement plug/cable/receptacle configuration must meet or exceed the following specifications:

100-120 VAC

Cable - SJT16/3, IEC color code, maximum length 15 ft (5 m)

Plug - minimum 10 A - 125 VAC

Unit receptacle - IEC female, minimum 10 A - 125 VAC

220-240 VAC

Cable - H05VVVF3G1.0 VDE, maximum length 15 ft (5 m)

Plug - minimum 6 A - 250 VAC

Unit receptacle - IEC female, minimum 6 A - 250 VAC

Input Frequency

The ForceTriad energy platform operates within specification at all line input frequencies between 48 Hz and 62 Hz. The User does not need to reconfigure the ForceTriad energy platform for different line frequencies.

Input Current

The ForceTriad energy platform draws no more than 10A at any line input voltage.

Backup Power

The ForceTriad energy platform retains all user programmed features, calibration, and statistical data when switched off and unplugged. The ForceTriad energy platform operates within specification when switched over to a supplied line power by hospital backup systems.

Equipotential Ground Connection

An equipotential ground connection is provided to allow connection of the ForceTriad energy platform to ground.

ECG Blanking

An ECG blanking port is provided to signal other devices that the ForceTriad energy platform is active. The receptacle is a 2.5 mm mono jack. It is electrically isolated from the internal ground referenced electronics with the shell electrically connected to the chassis for ESD protection.