Finally…
A Power System That Fits!

Rover 300
Motive DC Controller

The Rover 300 Motive DC Controller is the only medical grade power system specifically designed for use in mobile point-of-care products for hospitals and long-term healthcare facilities.

The Rover's unique design is versatile, and **adapts to fit every pole cart in the industry.** The Rover is certified by TUV to meet EN 60601 Medical Safety Standards.

With the Rover 300 Motive DC power system you can:

- **UPGRADE** existing systems.
- **RETROFIT** existing pole computer carts.
- **POWER UP** non-powered carts.

Powerful, flexible and easy-to-use.

The Rover 300 is designed for ease-of-use in any healthcare setting. Features include:

- Longest run times in the industry.
- User-friendly gauge designed *by nurses for nurses* that provides true state-of-charge.
- On-screen prompts provide guidance to proper usage for best results.

Ensure the safety and security of data, personnel and patients.

The Rover's intelligent charge control circuitry eliminates over / under charging to meet the latest standards. Thermal runaway and out-gassing protection ensure optimal safety.

Save time and money.

The Rover 300 is an efficient, cost-effective option to your existing system.

- Automatic maintenance scheduling.
- Prolonged battery life with readily available, easily replaced Sealed Lead Acid (SLA) batteries.
- Continuous monitoring, email alerts and event logs provide fleet data to aid in managing cart usage and optimize battery life.

For more information:

203-653-1447
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HES
A DIVISION OF HOFFMAN ENGINEERING

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State of Charge
User friendly **Gauge** provides true state-of-charge based on battery manufacturer's charge/discharge profiles and HES proprietary algorithms with multiple temperature compensation inputs.

Low Battery Indicator
Amber light indicates that the battery has been discharged to within 20 minutes of safe discharge level.

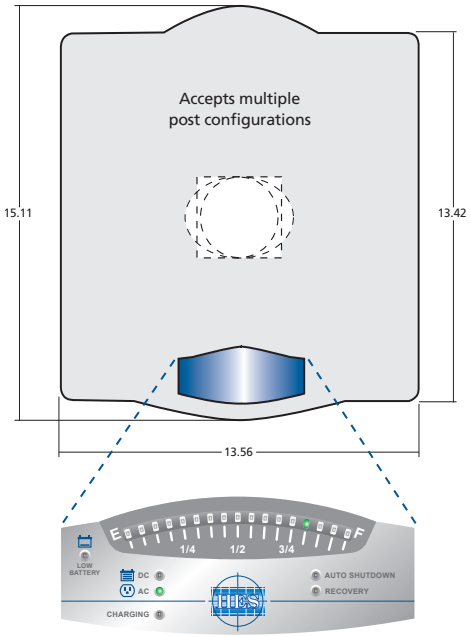
Power Source
Green light indicates whether source of power is from AC wall outlet or from DC battery.

Charge Status
Blinking Green light indicates that battery is charging.
No light illuminated indicates that battery is fully charged and is in Float Mode.

Recovery
Amber light indicates that the battery was over-discharged and that the system has entered into an auto-recovery mode to safely recondition and charge the battery.

Auto Shutdown
Steady Amber light indicates that the system will perform an orderly Windows ® shutdown within 10 minutes.

Blinking Amber light indicates that the system will shut down within 5 minutes.



System Specifications

INPUT

Voltage	100 to 240 VAC [tolerance ±10%]
Frequency Range	50/60 Hertz
Power Factor Correction	0.96 to 0.98
Inrush Current (Typical)	30A@100 VAC/60A@200 VAC
Current	6.4 AC Amperes maximum

BATTERY CHARGE CAPABILITY

Voltage	3 to 15 VDC
Current	20 Amps DC Max
Maximum Power	300 Watts max

OUTPUT: DC LOAD

Voltage	10.5 to 15 VDC
Current	20 Amps DC Max (15 amps max per connector)
Maximum Power	300 Watts max

GENERAL

Isolation: I/P to O/P	4000 VAC
I/P to Ground	1500 VAC
Efficiency	78% Typical
EMC	TUV: IEC 60601-1-2:2004 Edition 2.1 EN 60601-1-2:2001

ENVIRONMENTAL

Operating	10 to 40 degrees Celsius
Transport/Storage	-25 to 85 degrees Celsius
Relative Humidity	0% to 93% non-condensing

MECHANICAL

Construction	Kydex® Thermoplastic
Dimensions	8.77" H x 13.56" W x 15.11" L
Weight	10 lbs. (without batteries)
AC Input	IEC-320 AC Inlet
DC Output (2 each)	Kycon® Circular Power Connectors

Certified: EN 60601 Medical Safety Standards.

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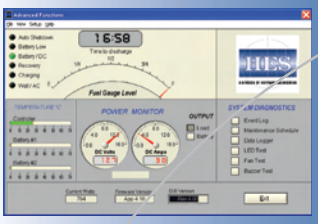

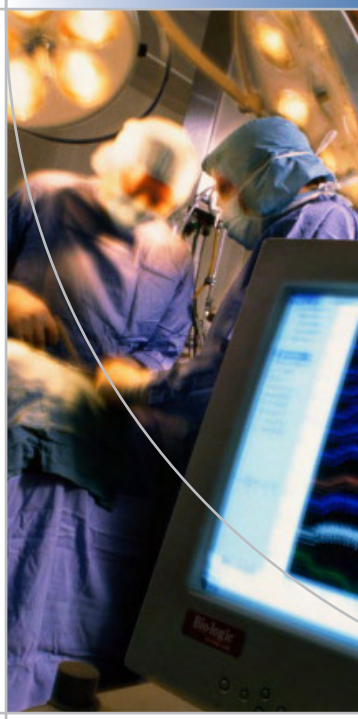

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