

# Daytona DC Power Management System

## MOBILE COMPUTING CART UPGRADE/RETROFIT SOLUTION



Upgrade or retrofit your mobile computing cart to increase battery runtime up to 30 hours while decreasing annual maintenance by as much as \$1,000 per cart.

The Daytona DC Power Management System 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 Daytona's unique design is versatile, and adapts to fit every pole cart in the industry. It is certified by TUV to meet EN 60601 Medical Safety Standards.

With the Daytona DC Power Management System you can:

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

### Powerful, flexible and easy-to-use.

The Daytona 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 Daytona'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 Daytona 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.



## INPUT

Voltage 100 to 240 VAC  
[tolerance  $\pm 10\%$ ]

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

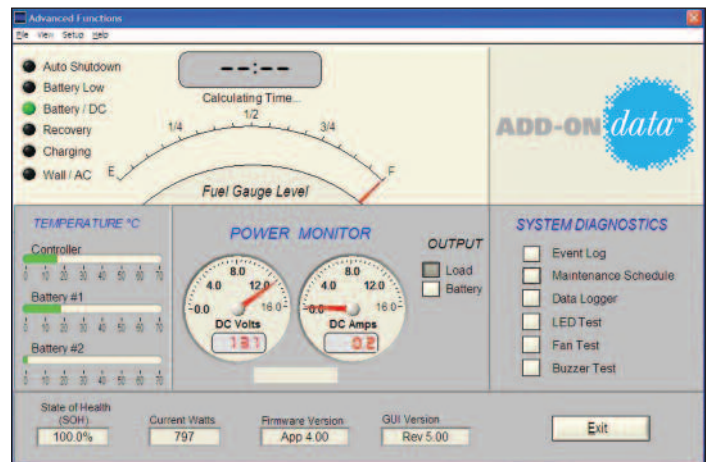
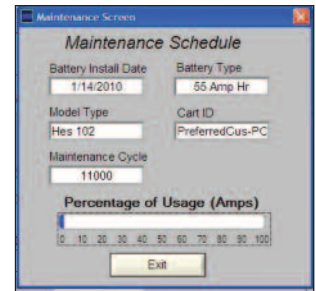
Construction Kydex® Thermoplastic

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



323 Andover Street  
Wilmington, MA 01887  
USA

P 978.988.1900  
F 978.988.1919  
E sales@addondata.com  
W www.addondata.com