



SmartCart32 (above) shown with:

- (2) BatteryBay Drawers (top left)
- LCD/Keyboard Module (top right)
- UPS (under Wireless Keyboard)
- 2U Rackmount Server (Multiple Configurations Available)
- (32) eBuddy Semi-rugged Laptops

SmartCart32 (above) shown with:

- (2) eCharger PowerStation Bays (top)
- (32) eBuddy Semi-rugged Laptops
- UPS (not visible)

The **EarthWalk SmartCart Series** is the industry's ultimate mobile **computer lab** that is designed with heavy-gauge/solid steel construction, locking aluminum Tambour doors, and 6" industrial duty solid rubber wheels with four swivel casters and locking brakes. The **SmartCart32 is a Wireless Mobile Computer Lab Solution** for up to 32 users. All you need is one standard electrical outlet and one standard Ethernet connection. This total turnkey solution integrates with existing networks and/or Internet access, VSAT and satellite communications. Our systems can be customized to accommodate your environment.

### NEVER RUN OUT OF POWER

The *SmartCart32* can store, secure and charge up to 32 laptops and can be integrated with EarthWalk's patented *High-Efficiency (HE™) Power Management* (meaning you can simultaneous charge 32 laptops, 32 batteries and power all your peripherals from ONE standard wall outlet), *BatteryBay Charging System*, *PowerStation Charging System* and *SideKick PowerPacks*.

### Special Features

- Eliminates the cost for additional network and electrical wiring
- Solid weld, 14-18 gauge steel chassis providing superior strength and durability
- Anodized aluminum, sliding panel, locking security doors
- 6" industrial duty, solid rubber wheels with four swivel casters and locking brakes
- Non-skid surface to accommodate external peripherals

### Lab Dimensions

Color: ..... Blk Doors & Silver Handles  
 Work Surface Ht: ..... 110.5 cm/43.5"  
 Handle Ht:..... 120.6 cm/47.5"  
 Width: ..... 117 cm/46" (additional inches when shelf is extended)  
 Depth: ..... 72.4 cm/28.5"  
 Weight: ..... Approx.\* 181 kg/400 lbs.

(\*Empty weight - actual weight determined by configuration of system)

### Laptop Compartment Dimensions

Height:..... 28.7 cm / 11.3"  
 Width: ..... 5.85 cm / 2.31"  
 Depth: ..... 41.91 cm / 16.5"

### Warranty

- 1 year parts & labor\*
- \*Optional extended warranty plans available



10511 Battlevue Parkway, Manassas, VA 20109  
 PH: 703.393.1940 | Fax: 703.393.1730  
 E-mail: Sales@earthwalk.com

## CONFIGURATION OPTIONS

### Laptop Charging Technology

#### High-Efficiency (HE™) Power Management

EarthWalk's HE™ is a high-efficiency, electrical/universal power solution that works with most brands of laptops.

- Entire system operates from a single, standard electrical outlet
- 110 to 240 VAC, 47-63Hz configurations available
- 85% efficient conversion / regulation
- Forced convection cooling / Approximately 2900Btu rejected heat
- Automatic reset fuse on each recharge cable
- 14-20VDC Assuring personnel safety
- Safety Specification: UL 1012, TUV EN60950, IEC950 & UL1950 Pending
- EMC Specification: CISPR22 (EN55022) Class B, IEC801-1,2,3,4; IEC 555-2 Pending

### Battery Charging Technology

#### BatteryBay Charging System

Each 16-Bay battery charging system is housed in a retractable bearing sliding drawer with LED indicators for charging status. The BatteryBay Charging System enables continuous laptop operation by simultaneously recharging up to 32 EarthWalk Lithium-Ion laptop batteries in each drawer. Users can have a spare battery recharging and keep working instead of waiting.

- Entire system integrates into the *SmartCart32*
- 110 to 240 VAC, 47-63Hz configurations available
- 85% efficient conversion / regulation
- Forced convection cooling / Approximately 2900Btu rejected heat
- 20VDC Assuring personnel safety
- Safety Specification: UL 1012, TUV EN60950, IEC950 & UL1950 Pending
- EMC Specification: CISPR22 (EN55022) Class B, IEC801-1,2,3,4; IEC 555-2 Pending

#### PowerStation Charging System with SideKick PowerPacks

- Entire system integrates with the *SmartCart32*
- 110 to 240 configurations available
- 85% efficient conversion / regulation
- Current limited to 2.5 A DC assuring equipment safety
- DC cooling fan
- Rejected heat of approx. 1400Btu charging interface

#### SideKick PowerPacks

- Powers most brands of laptop computers
- 120Watts of DC power
- 12-24V DC assuring personnel safety
- Automatic thermostat protects against over-charging
- Over 1,000 cycles with up to 8 hours of use for up to 5 years

### Integrated Wireless Technology

- International IEEE Standard 802.11b/g Wireless Interface
- Allows for transparent bridging & accessibility to existing wired Ethernet networks
- Protocol-Independent network functionality
- Integrated switching/routing functionality
- Robust interference resistant & secure multi-channel transmission
- FCC/CE/ETS Approved