

























# Standard Charging Carts **VS.** EarthWalk "HE" Charging Carts

In 1998, EarthWalk pioneered and patented the Mobile Computer Lab—and we continue to improve the performance and functionality required for today's classrooms. There are many differences between an EarthWalk Charging Cart and a Standard Charging Cart. Use the comparison chart below to find out why our carts and patented High-Efficiency (HE) charging technology set us apart from other companies in the industry.



Standard Charging Cart		EarthWalk "HE" Charging Cart
<b>DEVICE CHARGING</b>		
<ul style="list-style-type: none"> <li>• Uses the devices' AC adapters for charging</li> <li>• Uses power strips to connect adapters</li> </ul>	  	<ul style="list-style-type: none"> <li>• Integrated power supply system</li> <li>• NO adapters or power strips needed</li> </ul>
<b>DEPLOYMENT</b>		
<ul style="list-style-type: none"> <li>• Must install AC adapters and cables prior to use</li> <li>• Preparation and install time prior to operation</li> </ul>	  	<ul style="list-style-type: none"> <li>• Pre-wired for devices prior to shipment</li> <li>• 100% ready to use ("plug-and-play")</li> </ul>
<b>ACCESS TO EXTERNAL CHARGING</b>		
<ul style="list-style-type: none"> <li>• Devices can only charge when AC adapters are installed in the cart</li> <li>• Adapters must be uninstalled for external use</li> </ul>	  	<ul style="list-style-type: none"> <li>• AC adapters not needed to charge in the cart</li> <li>• Devices' adapters can be deployed externally</li> </ul>
<b>ELECTRICAL CAPACITY</b>		
<ul style="list-style-type: none"> <li>• Requires <b>timer</b> or <b>switch</b> to avoid electrical circuit overload</li> <li>• Divides the cart into smaller charging groups</li> </ul>	  	<ul style="list-style-type: none"> <li>• <b>NO</b> timers, switches or AC power strips</li> <li>• Simultaneously charges ALL devices at full power</li> </ul>
<b>COST OF OPERATION</b>		
<ul style="list-style-type: none"> <li>• Average cost of 30-user cart approx \$1.50–\$2.50 <b>per day</b></li> <li>• Estimated annual electrical operating cost is \$350–\$500 <b>per cart</b></li> </ul>	  	<ul style="list-style-type: none"> <li>• Energy-efficient charging design <b>saves up to 85%</b> electricity</li> <li>• <b>Saves hundreds of dollars</b> per year, per lab, in electrical costs</li> </ul>
<b>SMART BATTERY CHARGING</b>		
<ul style="list-style-type: none"> <li>• Partial charging during the school day can create <b>unbalanced charging</b> among users</li> <li>• Some students could have more battery run-time than others</li> </ul>	  	<ul style="list-style-type: none"> <li>• All devices always <b>simultaneously</b> charged for even battery charging</li> <li>• <b>Entire system</b> charges faster and more efficiently than any other system available</li> </ul>
<b>INTEGRATED PERIPHERALS AND STORAGE</b>		
<ul style="list-style-type: none"> <li>• Most carts store devices and AC adapters only</li> <li>• NO interior space or power for peripheral components</li> </ul>	  	<ul style="list-style-type: none"> <li>• Stores, powers &amp; secures a wide selection of peripheral devices</li> <li>• Additional secured space available for storage drawers or Bins</li> </ul>
<b>CUSTOM DESIGNED &amp; BUILT-TO-ORDER</b>		
<ul style="list-style-type: none"> <li>• Pre-manufactured to set specification</li> <li>• Limited or NO customization</li> </ul>	  	<ul style="list-style-type: none"> <li>• Build-to-order design</li> <li>• From basic, low-cost models to custom designs, EarthWalk can create a lab solution to fit <i>your</i> budget and <i>your</i> needs</li> </ul>