

When comparing charging solutions, PowerGistics is not an **apples-to-apples** comparison with charging carts. **It's apples-to-pineapples.**



**Apples, or Charging Carts**

**Charging carts were not designed as permanent fixtures in the modern classroom. They were not designed for student management.**

- Traffic jams around one central location in a classroom is the norm – this wastes instructional time and increases chaos.
- Social distancing is difficult with one location.
- Traffic jams increase the likelihood of dropped devices – this wastes IT staff time & costs money.
- Carts were designed for adults, for teachers or IT Staff to manage, taking away staff time to continuously manage carts. Even basket systems are designed for Teacher management.
- Carts are designed for the device to stack like dishes in a rack, rather than it's natural "lay flat" position. This can cause spine damage to devices.
- When students put devices in a cart or basket with the spine down, it's much likelier they'll only use one hand, making dropped devices more common.
- Cable management is the most common complaint about charging carts – the system works at the beginning of the year, but tends to break down with student use, requiring constant maintenance.
- Stacking like dishes also makes it difficult for students to find or return assigned devices.



- There's no easy method for teachers to send small groups to get their device.
- Carts are generally made of steel and plastic – making them heavy, and trapping heat from devices. Sometimes the steel blocks wireless updating.
- Like most products manufactured overseas, planned obsolescence is built into many charging carts. Average cart refresh cycles are about 4-5 years, and then they go to cart graveyards.
- To accommodate more than 20 devices in one location, "intelligent" cycling settings are often built in, which is one more thing that could go wrong.
- Charging carts take up a LOT of valuable classroom space, and are often heavy or difficult to move.
- With complicated cable management, devices will end up not plugged in – leaving devices dead just when they're needed for learning.



**Pineapples, or  
PowerGistics**

**PowerGistics is human-centered design.  
Proudly manufactured with the highest quality  
in Wisconsin, US, for a **lifetime investment.****

- Designed for 100% Student Management.
- **50% time savings** at a minimum with 2 Towers.
- Eliminates traffic jams, chaos, and dropped devices.
- Exceptional cable management ensures organized, fast deployments with **zero maintenance.**
- Colorful shelves and numbers help students remember their device.
- Teachers can split deployment further with color coded groups.
- High quality aircraft grade aluminum construction.
- Aluminum is a heat sink, drawing heat away from devices, extending battery life on Chromebooks, etc.
- **Lifetime Warranty**
- Lay-flat shelves prevent spine damage and encourage students to use 2 hands during deployment. This is one reason why Google uses our Towers in their offices – because Chromebooks are designed to lay flat.
- With the TechStop, shelf sizes are adjustable, ensuring all sizes of devices have the perfect fit in one Tower.
- With USB Towers, USB-C cables are included for classroom devices. Power bricks can go home with students without schools purchasing a second set.
- **Noteworthy!** At 11.25" wide and 20-22" deep, two Towers still take up less than half the square footage of a traditional charging cart.



## Chromebooks, iPads and More.

- Available with flexible mounting options – wall mount, stand, or rollers – all in one Tower.
- Available in 8, 12, 16, or 20 shelf options. **Mix and Match** PowerGistics Towers to reach any number you need in a classroom: 8, 12, 16, 20, 24, 28, 32, 36, 40+.
- Maxing at 20 devices prevents traffic jams in the classroom, and traffic jams cause dropped devices and wasted classroom time.
- 20 shelves keeps the height of the Tower accessible to students of diverse ages and abilities.
- 20 devices in one surge-protected strip does not overload circuits, even in older buildings. This eliminates the need for cycle charging, which is often something that breaks on carts over time and requires a cart refresh. PowerGistics Towers have a lifetime warranty, and as a US manufacturer, we do not subscribe to the planned obsolescence philosophy.
- [Join thousands of schools across the US, Canada, and the UK that have already made the switch.](#)