

INTRODUCING THE ALL-NEW

# INTELLI-SENSE

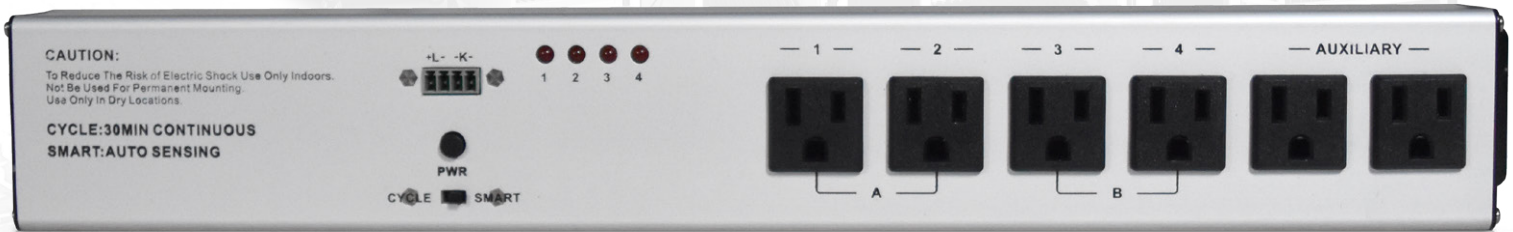
## CHARGING SYSTEM



The new Anywhere Cart Intelli-Sense Charging System is designed to more efficiently charge your devices while also creating a plug and play environment for any and all educators.

### INTELLI-SENSE NOW AVAILABLE ON:

- AC-PLUS-T
- AC-PRO-II
- AC-SLIM
- AC-45
- AC-MAX
- AC-MANAGE



## HOW IT WORKS

1. When the cart is plugged in, the Intelli-Sense Charging System will automatically turn itself on and begin sensing the carts total power needs within 3 seconds.
2. The Intelli-Sense Charging System will go into power discovery mode to sense the amount of power necessary for both groups A and B.
3. The Intelli-Sense Charging System will detect which bank needs more power. The bank requiring more power will start charging until that bank is 1 amp less than the other bank.
4. The Intelli-Sense Charging System will switch charging to the other bank and charge that bank until it is 1 amp less than the initial bank that was charged.
5. This will continue cycle until the total amps drawn from both bank A and B are 6 amps or less.
6. Once the total amps draw are at or below 6 amps, the The Intelli-Sense Charging System will turn on both banks A and B and charge all devices at the same time until they are fully charged.
7. When all the devices have reach full charge status, the Intelli-Sense Charging System Cart will go into trickle mode to ensure that all devices will have a full charge when deployed.

### SCENARIO:

An AC-SLIM cart is plugged into the wall by teacher.

- Cart turns on within 3 seconds and senses the power needed to charge group A and B.
- Group A requires 8 amps to charge their devices and Group B is requiring 6 amps.
- Group A will get the power first and charge from 9 amps down to 5 amps.
- The cart will then switch to group B and charge that down from 6 amps to 4 amps.
- Group A will then receive the power again and charge the devices from 5 amps to 3 amps.
- Group B will start charging again and bring the power from 4 amps to 3 amps.
- Since both A and B are now requiring 3 amps each, for a total of 6 amps, both Groups A and B will charge simultaneously until all devices are charged.
- Once the devices are fully charged, the cart will go into a trickle mode to maintain a 100% charge. If the power were to shut off for any reason over night, once it was restored in the building, the Intelli-Sense Charging System would detect the power and turn itself back on and follow the same power sensing and charging flow as above.

## QUICK START GUIDE

1. Plug in device charging adapters so there is an equal number in Outlet Groups A and B.
2. Set Intelli-Sense timer to "Smart".
3. Plug in cart.

The Intelli-Sense timer will auto sense the charging needs of the cart and start charging in the most efficient and quickest method.

**Once your devices are charged, it will go into the trickle charge mode costing you about \$.03 per day to keep 36 chromebooks charged.**  
(Cost based on \$.10/kWh)