



# Save time and money with a centralized power system

*PowerSmart™ is a 12-volt DC, solid state printed circuit assembly that improves the installation of snowplow truck equipment accessories by providing a central power and connection point for switches, sensors, relay controlled devices and Certified Cirus Control Systems accessory products.*

## SUMMARY

- Standardize truck body wiring across multiple end users and equipment sets
- Faster troubleshooting with common wiring, labels and LED notifications on board
- Extra relays on board allow installers to “plug and play” for specific functions

## MAIN POWER CAPACITY

- 12 volts DC, 120 Amps max when connected to vehicle battery with 4awg wire
- On board clamp diode protects equipment from voltage spikes
- “Ignition hot” wire turns system on and off with truck ignition

## POWER CONTACTS

- 12 volts, general purpose power points with individual fuses up to 30 Amps each
- Power points for Certified Cirus Control Systems modules, each 15 Amps, and 30 Amps for electric pre-wet driver
- Each power point has a red LED to indicate power status

## SENSOR INPUTS

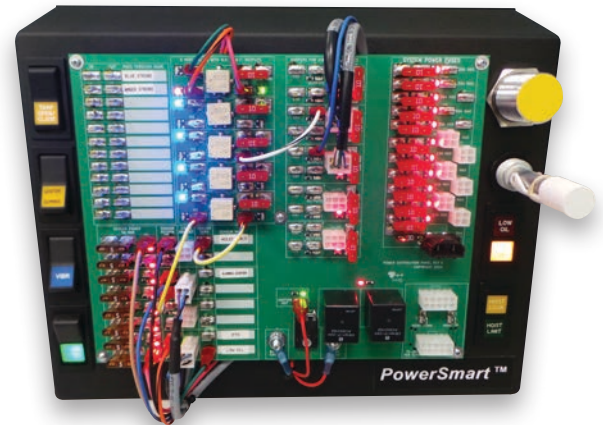
- Powered by individual 5-amp fuse with red LED for power status
- Green LED indicates sensor state = true

## SWITCH INTERFACES

- 10-amp fuse for each switch, red LED indicates power
- Normally open and normally closed contacts available for use
  - Normally open spades, yellow LED
  - Normally closed spades, blue LED

## CONTROL RELAYS

- 10-amp fuse for each relay, red LED indicates power with trigger spade (green LED)
- Normally open and normally closed contacts available for each
  - Normally open spades, yellow LED
  - Normally closed spades, blue LED



PowerSmart demo close-up



PowerSmart installed



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Chicago, IL  
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