

# **AMPTEK**<sup>TM</sup>

Load Sharing for Charging eGSE at the Gate



**For the Perfect Turn**

**An Oshkosh Corporation Company**



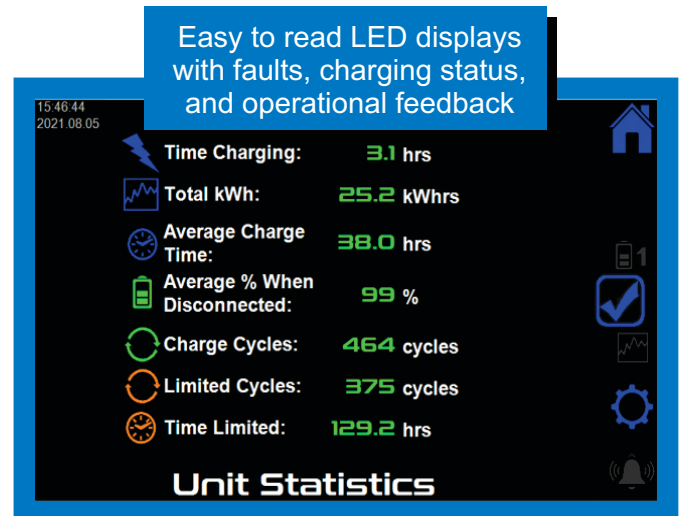
## Environmentally Responsible ■ Financially Sound

AmpTek intelligently shares, monitors, and modulates power available at the boarding gate with eGSE battery charging devices. Surplus gate power is shared with battery charging devices in a way that protects the GSE, the charger, and gate operations. Using AmpTek minimizes the need for upgrades to the power grid, extensive cable runs, excavation work, and other costly ramp modifications. The power for eGSE is at the gate; tap into it with AmpTek.

- Use Power at the Gate: Tap into bridge, PCA, and GPU power already available at the gate.
- Minimize Infrastructure Costs: Make power available to battery chargers without costly infrastructure upgrades, excavations, and cable runs.
- Protect the GSE, the Charger, and Gate Equipment: Safely share power between gate equipment and battery chargers without risk to aircraft power demands.
- Manage Power Sharing: AmpTek intelligently monitors and shares available gate power between gate equipment and battery chargers.

### Keep eGSE Charged and Ready

- AmpTek integrates with eGSE battery chargers.
- Controls battery charger power consumption.
- Protects gate equipment, while supplying power to charger.
- Provides battery health check.
  - Time spent charging
  - Battery temperature
  - Battery capacity/cell number
  - Battery serial number
- Presents charger messaging in plain text.
- Trends 2 hours of data continuously
- Equipped with cellular modem for remote monitoring
- Self-configures for different voltages and currents



Tap into power already available at the gate for battery charger operations

