



### Cycle: Charge-Discharge Test

**Supplier Name:** Canadus Power Systems

**Test Date:** July 22<sup>nd</sup>, 2017 - Present

**Battery Type:** Alliance Truck Parts: Dual Purpose Battery EPM AE7131,  
Group 31 Seal Lead Acid.

**Equipment:** BK Precision 8510: Programmable DC Electronic Load, Quick-Charge Battery  
Charger, Agilent 34972A DataLogger, Remy BCT-200J AutoMeter

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#### **Summary:**

Cycle a sealed lead acid battery. A complete cycle is defined: Apply charger to battery, once charged - remove charger from battery, allow to rest for 24 hours, discharge battery at 10 Amps constant current until the batteries terminal voltage is 12 Volts, then apply charger to the battery.

#### **Conclusion:**

Presented in the Excel Data File.

