

# BatteryDAQ Product Selection



*Making battery maintenance efficient, affordable, and enjoyable is our job.*

Distribution Partner online quotation and ordering: [www.buybms.com](http://www.buybms.com)

Technical Support: [tech@batterydaq.com](mailto:tech@batterydaq.com) Datasheets: <http://batterydaq.com/resources/downloads>

Made in USA, 12 models cover all Telecom, UPS and utility DC applications, for **any** scale. **UL** certified and **CE** marking.

Model	Max Batt. #Per Unit	Notes	Main Applications
<b>Sentry-NB4</b>	2x12V, 1 string 4x12V, 1 string	ABS enclosure for tight spaces 5V LEM Current Transducer (CT)	Telecom cell sites, micro sites Cable/Broadband cabinets
<b>Sentry-NB8</b>	2x12V, 2 strings 4x12V, 2 strings	Aluminum enclosure 5V LEM, 1 or 2 CTs	Traffic light backup power Solar powered radio stations
Models listed below use +/- <b>12V</b> CT, one or multiple CTs per unit, default 300A (600A peak)			
<b>Sentry-S2</b>	2x12V, 2 strings 4x12V, 2 strings	Serial port for integration (No Ethernet) Acts as a slave to Sentry with Ethernet	(Similar applications as NB4/8) Compatible with 24V and -48V
<b>Sentry-S6</b>	4x12V, 3 to 6 strings	Easy to install, clean wiring, one cable (6 wires) to each string	Telecom sites, -48V
<b>Sentry-S15</b>	2x12V, 3 to 15 strings	Simplified wiring, 2 wires to each string	Telecom sites, 24V
<b>Sentry-1202</b>	12x2V, 1 string	Precise internal resistance for high capacity 2V cells	Telecom sites, 24V
<b>Sentry-2402</b>	24x2V, 1 string	Precise internal resistance for high capacity 2V cells	Telecom plants and sites, -48V
<b>Sentry-1012</b>	10x12V, 1 or 2 strings 20x6V, 1 string	Powered by the battery bank 120VDC	Small UPS Utility ( <b>NERC</b> ) switchgear DC cabinet
<b>Sentry-2412</b>	24x12V, 1 string 48 (or 50) x12V	External power adapter Twin Mode (2 units)	Medium-size UPS Large UPS (2 units per string)
<b>Sentry-4012HV</b>	40x12V, 30x16V	External power adapter	Large UPS
<b>Sentry-6002NEMA</b>	60x2V per unit	NEMA enclosure Vented or VRLAB	Utility substations ( <b>NERC</b> ) with 120V or 240V bank
<b>Sentry-30EX</b>	30x2V per unit	Explosion proof enclosure 2 units cost same as 1 NEMA but less installation time	Utility ( <b>NERC</b> ) with 48V, 120V or 240V banks ( <b>One DTU for the entire battery room</b> ) Large UPS or Energy Storage with 240x2V (480VDC)(8 units of 30EX)

- 1) All models (except NB4/8) have a 4-pin port for HMI service tool to change battery number and parameters.
- 2) Battery Analyzer PC software is supplied and compatible with all models.
- 3) Integration options: ① Modbus-RTU via serial RS232/RS485; ② Modbus-TCP; ③ SNMP; ④ Database Query.
- 4) **NERC** Auto-fill Excel software is available for customizing battery service reporting for NERC compliance.
- 5) MyBattery platform/server and Geo-map reporting software are recommended for large scale applications.

*Document is for reference purpose. Please contact BatteryDAQ for any questions. Updated on 5/18/2017*