

SENTRY INSTALLATION CHECKLIST

Model: Sentry-4412HV

1. PREPARING FOR INSTALLATION

	Check the package, by default, it includes a Sentry unit, IR fused leads (5), a set of plugs, a pack of ferrules, a 10P plug with temperature sensors and CT cable.
	Current transducer, check the window size for your application. [Split-core available if needed.]
	Prepare fused leads for sampling if not ordered from BatteryDAQ. Check tab washer quantity and size if not already on battery posts.
	Calculate and prepare wire/cable from Sentry unit to battery terminals. (20 AWG Multi-conductor cable is recommended.) Pre-make the harness set in shop if possible.
	Active Ethernet port/drop, close to each battery cabinet/bank. (Power outlet is not needed.)
	Choose computer(s) with Windows 7, 8 or 10 pro 64-bit OS. (XP is no longer supported.)
2.	SOFTWARE
	Install Microsoft SQL Express 2008 or 2012 database. (64-bit. All goes with default. Windows authentication. Add Current User)
	Install Battery Analyzer software. (setup.exe, run as administrator)
	Run Battery Analyzer, add equipment, set IP and MID to a remote demo site for a test.
	Record IR baseline, close/restart Battery Analyzer to verify database installation.
	With a Sentry unit connected to Ethernet/Internet, set correct server IP and MID to Battery Analyzer software until you get data/temperature.
3.	INSTALLATION/WIRING
	Disconnect battery string from UPS.
	Locate/secure the Sentry unit close to batteries such as the top of battery cabinet.
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This checklist does not include tools, procedures and safety cautions for battery installation.