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BCN-BAT61

Battery Cell Sensor



BCN-BAT61 Battery Cell Sensor

- BCN-BAT61-02 for 2V batteries, BCN BAT61-06 for 6V batteries, BCN-BAT61-12 for 12V batteries
- Monitoring of individual battery voltage, internal temperature (negative terminal), and impedance (ohmic value)
- Automatic balancing
- Lead-acid batteries



BCN-BAT61, an innovative product for battery monitoring systems, is designed to support 2V, 6V, and 12V lead-acid batteries. BCN-BAT61 offers comprehensive online monitoring capabilities, enabling real-time tracking of each battery cell's voltage, internal resistance, and negative terminal temperature.

Item	Rated input voltage	Measuring range			
		Voltage	Internal temperature	Impedance	Power consumption
BCN-BAT61-02	02V	1.6 ~ 2.6V ($\pm 0.2\%$)	-20°C ~ 85°C ($\pm 0.5\%$)	Range: 0.1m Ω ~50m Ω Repeatability error: 1.0% $\pm 25\mu\Omega$ Conformity error: 1.5% $\pm 25\mu\Omega$	Running: <70mW Sleeping: <8mW
BCN-BAT61-06	06V	4.8 ~ 10V ($\pm 0.2\%$)			
BCN-BAT61-12	12V	7.5 ~ 15.6V ($\pm 0.2\%$)			

Your choice of power protection



BCN UPS



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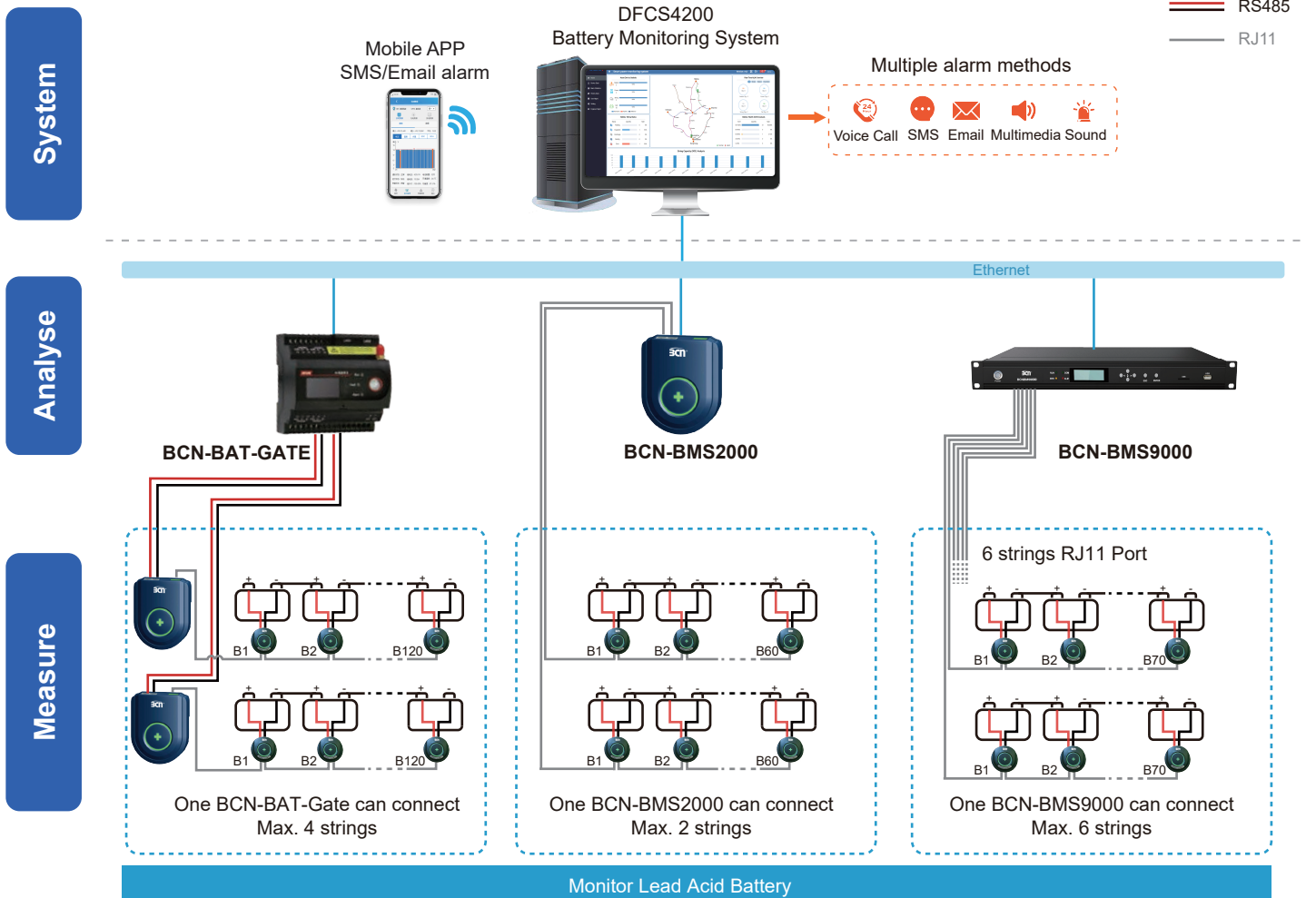
BCN UPS

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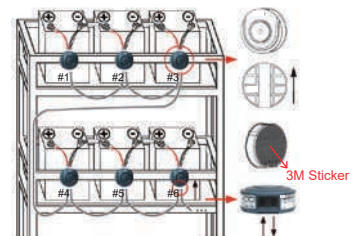
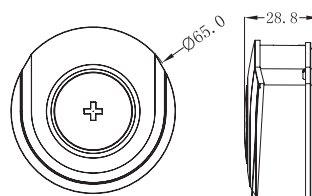
System Structure



Battery Cell Sensor



Dimension and Installation



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