

CHARGE CONTROLLER



bluebird SOLAR
co-powering the future

Technical Specification:

Model	BBSCC2024	BBSCC3024
Nominal system voltage	12/24 auto work	
Rated charge current	20A	30A
Rated discharge current	20A	30A
Battery input voltage range	9~32V	
Max. PV open circuit voltage	50V	
Equalize charging voltage*	Sealed: 14.6V, Flooded: 14.8V	
Boost charging voltage*	Gel: 14.2V, Sealed: 14.4V, Flooded: 14.6V	
Float charging voltage*	13.8V	
Low voltage reconnect voltage	12.6V	
Low voltage disconnect voltage	11.1V	
Self-consumtion	≤8.1mA(12V);≤6.5mA(24V)	
Temperature compensation coefficient	-3mV/°C/2V	
Grounding	Common positive	
Overall dimension	149 x 94.1 x 46.1mm	177.5 x 106.6 x 46.2mm
Terminals	6AWG(16mm ²)	6AWG(16mm ²)
Net weight	0.26kg	0.33kg
Enclosure	Ip30	
Working environment temperature	-25°C~+45°C	
Relative humidity	≤95% (N.C.)	

*Technical data for 12V system at 25°C, twice in 24V system rate.

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(Opposite jahangirpuri Metro Station), Delhi- 110033