

BATTERY CONTROL UNIT - BCU

SURYA HARAPAN



Features

- * Microcontroller and dedicated software for precise
- * Protection against overload, short circuit and reverse connection
- * Temperature Compensation
- * Wide Temperature Working Range of -35c to 50c
- * Utilizes Serial Mode PWM Control for maximum Efficiency
- * Digital LED Display
- * Controller dimension
- * 140 x 90.5(mm)
- * Distance between installing holes: 133.5 x 70(mm)

Spesifikasi

Model No.	SDCC-101
Rated solar input	10A
Rated Load Current	10A
System voltage	12V
Over load, short circuit	1.25 rated load current 60sec, 1.5 rated loads current 5sec, over load protection
No load current	≤6 mA
Charging circuit voltage drop	≤0.26V
Load circuit voltage drop	≤0.15V
Over voltage protection	17V
Work Temperature	Industry stage: -35 C to +55 C ;
Boost charge voltage	14.6V
Direct charge voltage	14.4V
Float charge voltage	13.6V
Charge return voltage	13.2v ;
Temperature compensation	-5mv/ C/2V (Boost charge, Direct charge, Float charge charge return voltage) ;
Lower voltage indicate	12.0V ;
Over discharge voltage	11.1V (no load) - real-time modified voltage by the discharge rate ;
Over discharge return	12.6V
Control mode	PWM charge mode; modified discharge voltage by the discharge rate

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