



iDB Power Solutions Private Limited

BMS for Lead Acid Batteries iDB-BMSLA48

Features

- The most important function BMS provides is equalization of cells resulting in better overall performance of the batteries and improving their life cycles.
- It enhances safe use of the battery by providing several types of protections.

Specifications

48V SYSTEM	Parameters	Specification	
		Tubular Battery	Flat Plate Battery
Input DC	Nominal DC Bus Input	48VDC	
	String Voltage Operating Range	41 - 65V DC \pm 1V	40-60VDC \pm 1V
	Individual Battery Operating Range	10 - 16V DC \pm 0.5V	10 - 15V DC \pm 0.5V
	Equalization Current Range	2.0 - 2.5Amp	
	Equalization Voltage Tolerance Range	Avg of All Batteries \pm 0.2V	
Protections	Battery Reverse Polarity	Electronically Protected	
	Over Current Protection	Electronically Protected	
	Over Voltage Protection	Electronically Protected	
	Wrong Wiring of Individual Battery	Electronically Protected	