

SHENZHEN GREEN DIGITAL POWER TECH CO., LTD

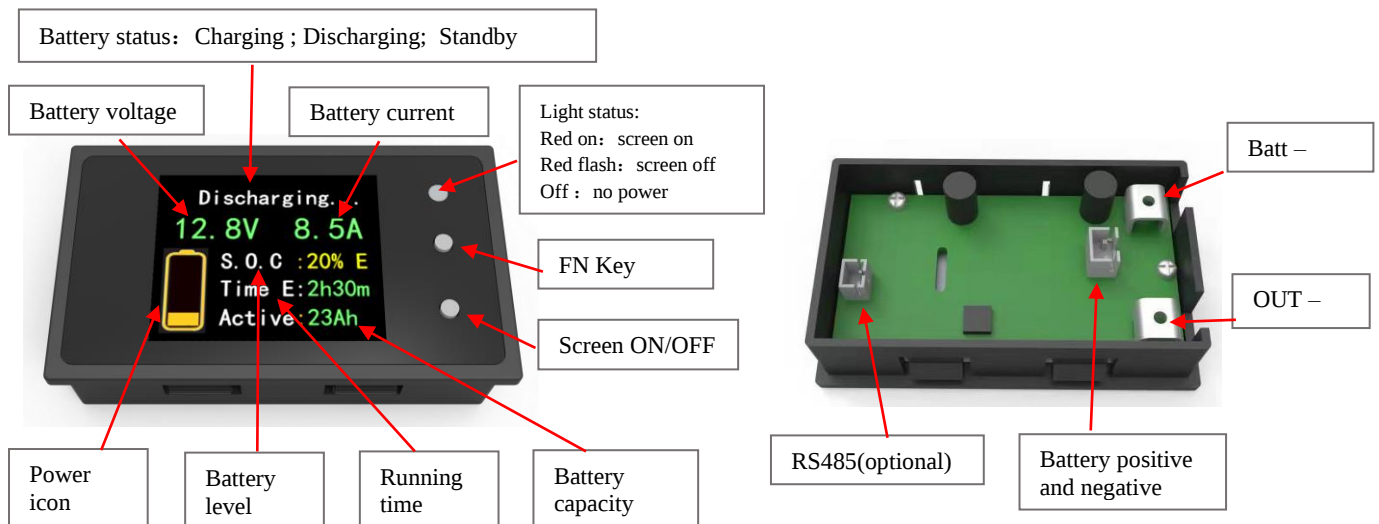
Tel:86-755-86582701 Fax:86-755-27464649 Email:sales@green-charger.com Http://www.green-charger.com

SPECIFICATION		PREPARE	CHECK	APPROVE
MODEL:	USED IN:			
ISSUE DATE :	1/11/2023 8:55:00 PM			
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BG21-40 Battery Fuel Gauge

No.	Item	Unit	Specification	Remark
Input feature				
01	Rating Input Voltage	V	DC6~60V	This module can be selected in two states . The first is to specify the battery specification and write the battery capacity and type into the module memory. The second is not to specify the battery specification. After the user connects the battery and the module, press and hold the FN button, and then perform a complete charge and discharge cycle for the battery. Then press and hold the FN key again. BG21 will save the learned battery information, and call this battery parameter later.
02	Suitable battery type		7.2V~48V Li-ion battery 6.4V~48V LiFePO4 battery 7.2V~48V Ni-MH battery 7.2V~48V Ni-Cd battery 12V~48V VRLA battery	
03	Max. Charge/Discharge Current permitted. & typical series impedance.	A	20A (impedance: 5mR) 40A (impedance: 2.5mR)	
04	Rating Consumed power	mA	Screen on: 20mA, screen off:6mA	
05	OFF Status leakage current	mA	0mA	

Top View and Illustration



06	Voltage accuracy	%	+ -1.5%	
07	current accuracy	%	+ - 5%	
08	Capacity accuracy	%	+ -5%	

Environment and Mechanical

09	Operating temperature	°C	-10 ~ +50	
10	Operating humidity	%RH	< +90	
11	storage temperature	°C	-40 ~ +70	
12	Storage humidity	%RH	0 ~ +95	
13	Anti-vibration level	-	5MM/50HZ/600S	
23	weight	g	50	
24	size	mm	75*44*19 (length*width*height)	

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Dimensional drawing

