


BG1-XXXX Battery Gauge Indicator Specification

No.	ITEM	UNIT	SPECIFICATION	REMARK
INPUT				
01	Rating Input Voltage	V	DC6~48V	BG1-LX(x=2~13) for 2~13S Li-ion/polymer
02	Suitable battery type	V	Lead-Acid (6V,12V,24,36,48V) NiMh, NiCd (6S~20S, 6V~48V) Li-Ion, Li-Polymer(2~13S, 7.2V~48V)	BG1-FX(x=2~15) for 2~15S LiFePo4 BG1-NXX(xx=6~40) for 7.2V~48V NIMH BG1-DXX (xx=6~40) for 7.2V~48V NIMH BG1-AXX(xx=6~48) for 6V~48V SLA
03	Rating Input current	mA	10	
04	Power-off leakage current	mA	<0.5	Auto Power-off after 30
Profile				
 <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p>Push "ON" button to show display, the LEDs display will auto power-off after 30 minutes!</p> </div>				<p>This gauge is designed for discharge and idle condition usage. It is not recommended for charging condition. (If you want to know the charged power, please remove the charger and wait 3~5 minutes)</p>
Environment				
5	Operate temperature	°C	-10 ~ +40	Full load & natural convection.
6	Operate humidity	%R	< +90	
7	Storage temperature	°C	-40 ~ +70	
8	Storage humidity	%R	0 ~ +95	
9	Cooling	-	Natural convection	
10	Temperature factor	%	-	
11	Vibration resistance	-	5MM/50HZ/600S	Non-operating condition.
12	Impact resistance	-	1 meter drop test >= 3 times	Non-operating condition.
Mechanical				
13	Weight	g	~10	
14	Size	mm	42X22X9	
15	Cable/Connectors	-	0.5m, AWG22, 2 wires	Red V+; Black V-
16	ESD	kV	2.0	