



GDBD-48V/100A Intelligent Wireless Battery Discharge Test System



General Information

GDBD series intelligent battery discharge test system is used for monitor single battery's voltage. When the battery is offline, the tester can work as a discharge load to realize constant current discharge of the set value by continuously regulating the discharge current .

Specification

Applicable battery	DC 48V
Output voltage	DC 38-60V

Output current	0-100A
Working mode	Can be used stand-alone, multi-machine parallel operation in constant current mode
Protection function	Input terminal over voltage protection , LCD indicate; Battery voltage polarity reverse protection, buzzer alarm; Over current protection, LCD indicate ; 65°C overheat protection, LCD indicate , buzzer alarm;
Single voltage acquisition	Use 433 RF wireless module, communication distance up to 100 meters, compatible with 2V/4V/6V/12V single battery voltage monitoring, as long as the total voltage does not exceed the threshold, the number of batteries per group is not limited, can be monitored simultaneously 1 ~16 sets of RF wireless monitoring modules, one RF wireless monitoring module can monitor 12 single cells at the same time
Control accuracy	Discharge current $\leq \pm 1\%$; group terminal voltage $\leq \pm 0.1\%$; cell voltage: $\leq \pm 0.05\%$
PC communication	RS485 interface
Data storage capacity	2G bit Flash
Working environment	
Heat transfer	Forced air cooling

Temperature	Working: 5~50°C, storage: -40~70°C
Humidity	Relative humidity: 0~90%(40±2°C)
Altitude	Rated altitude 4000m
Noise	<60dB
Working power	
Voltage	Single phase 3 wire 220V AC (-20%~+30%), 45~65HZ
Withstand voltage test	Input-shell: 2200Vdc 1min Input-output: 2200Vdc 1min Output-shell: 2200Vdc 1min
Safety	Meet EN610950
Wiring	
AC input	Public socket for 1~1.5mm ² cable
DC output	Tester 25mm ² cable quick connector (red positive black negative)
Dimension & weight	415*180*310mm, 9kg