



GPS-8512C DIGITAL DC ELECTRONIC LOAD



DC Electronic load adopts high-performance ARM microprocessor with multiple processors, 3.5" inches true color LCD display, which makes the operation more convenient.

It has superior speed and performance. GPS-8512C offers four load modes (CC, CV, CP, CR), and there are 6 modes of measurement function: NRM, TRN, SEQ, ATF, BAT and SHT.

You can use the built-in file editor or RS232 and USB interface to edit the order list and list file automatically, and complete high-efficient measurement. In addition to testing linear power supply and switching power supply, 8512C can better test battery charger and batteries, it can meet the requirements of power supply factories and related factories.

Features:

- Short Circuit: Current $\approx 30A$, Resistance $\approx 40m\Omega$
- Transition: 10 files, Frequency: 0.1Hz~1kHz
- Sequence List Test(SEQ): 10 files, 100steps/file
- Auto Test File(ATF): 10 files, 20steps/file
- Battery Test: Capacity: 999.99AH max
- Trigger: Interanl/Bus/External
- Interface: RS232C/Handler
- Programming Language: SCPI and simple protocol
- Display: 3.5 inches true-color LCD display screen
- 4W Remote sensing capability

General Specification:

Input Rating 300W, 150V, 30A

CC 0~3A, Resolution: 0.0001A, Accuracy: 0.05% ; 0~30A, Resolution: 0.001A, Accuracy: 0.1%,

CV 0~18V, Resolution: 0.001V, Accuracy: 0.05%, 0~120V, Resolution: 0.01V, Accuracy: 0.05%

CP 0~100W, Resolution: 0.001W, Accuracy: 1% , above 100W, Resolution: 0.01W, Accuracy: 1%

CR 0.1~99 Ω , Resolution: 0.01 Ω , Accuracy: 1%, 100~4k Ω , Resolution: 0.1 Ω , Accuracy: 1%

Accuracy Voltmeter accuracy: 0.05% Ampere meter accuracy: 0.1%

Short Circuit Current $\approx 30A$, Resistance $\approx 40m\Omega$

Transition 10 files, Frequency: 0.1Hz~1kHz

List Test 10 files, 100 steps/file

Test File 10 files, 20 steps/file

Battery Test Capacity: 999AH max

Interface RS232, Handler interface

Protect Five level Security protect

TFT-LCD True-color LCD display, screen 3.5 inches, 4W Remote sensing capability, Intelligent cooling

Voltage: 220V AC Frequency: 50Hz Max Power: 20VA

264(width)x107(height)x350(depth)mm Weight: 5kg