

## GPS-8512C

## DC Electronic Load

Compact, economically priced instrument that is at home on both the bench and the production floor. The load can operate in CC, CV or CR mode while voltage/current or resistance/power values are measured and displayed in real time, making it well suited to test a variety of DC power sources. You can use the built-in file editor or RS232 and USB interface to edit the order list to complete highly efficient measurements. With a high-performance ARM microprocessor, the 8512C's performance is comparable to most full-size bench DC electronic loads, yet it does the job at half the price and takes up half the space on your bench.



LCD  
colour  
display



PC  
connectivity



Software  
included



Remote  
connectivity



- Constant current mode with range from 0 to 30A and accuracy of 0.1%
- Constant voltage mode with range from 0 to 120V with accuracy of 0.05%
- Constant power mode with range from 0 to 300W (AT8512) with accuracy of 1%
- Constant resistance mode with range from 0 to 4000 $\Omega$  and accuracy of 1%
- 3.5" True colour LCD display
- Triggered input interface + built-in RS232 interface using SCPI
- Overvoltage, overcurrent, overpower and overheating protection
- Configure your own settings and recall as needed for easier testing
- Transient testing function
- Simulate a short circuit at the input with the short circuit function
- Battery testing function - use to evaluate battery status and connect to PC analysis software to view discharge curve
- Sequence list function - generate complex sequences of input changes with rapid, precise timing (99 steps in 10 files)
- Automatic testing function - tests various parameters of power supplies at different loads with CC, CV, CP, CR, short circuit and open circuit modes all available