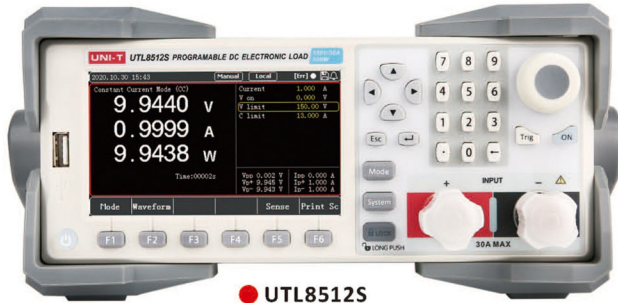


UTL8500X Series

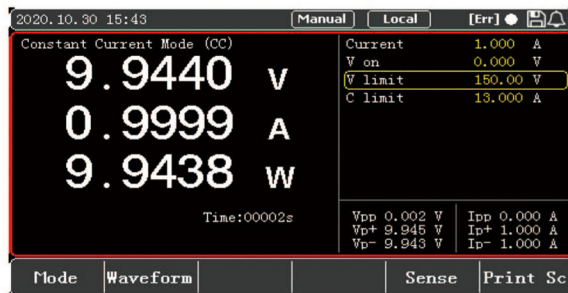
Programmable DC Electronic Loads



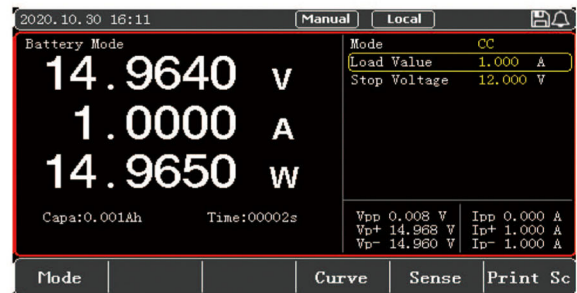
● UTL8512S

The UTL8500X Series Programmable DC Electronic Loads are equipped with 4.3-inch LCD screen, wide power range and up to 0.1mV/0.1mA resolution, support real-time waveform display and multiple test modes, such as dynamic test, overload test, auto test, list test, battery test, CR-LED test.

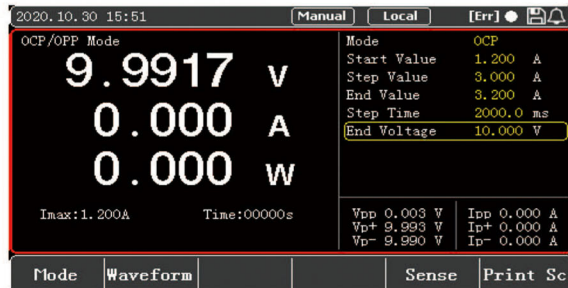
Application: power suppliers test of chargers, power source of switches, UPS power supplies, LED driver, mobile phone batteries and power banks and in areas of electronic performance test, new energy test, aerospace industries, high-power test, labs, R&D and production line, etc.



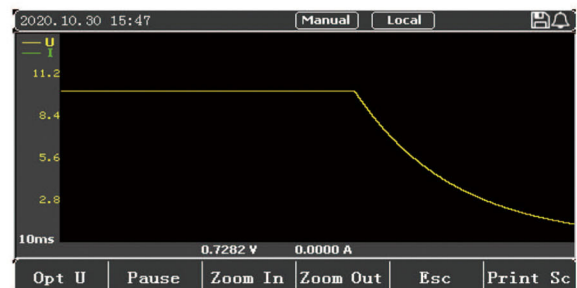
- 4 basic modes: CC/CV/CR/CP and high resolution of 0.1mV/0.1mA



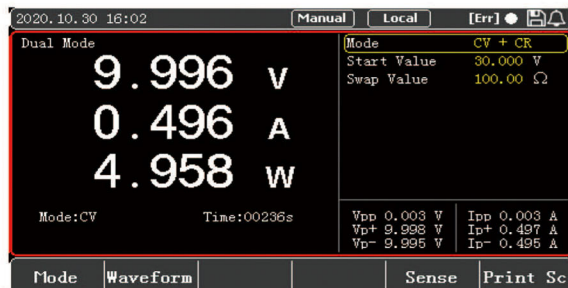
- Battery test function



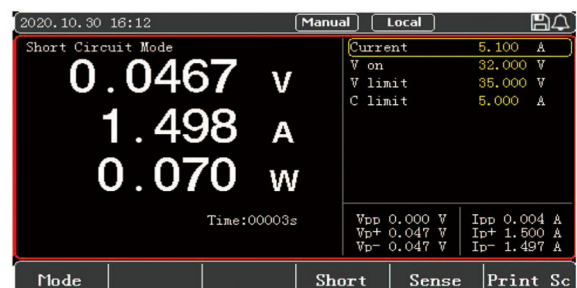
- Multiple protection test and ripple measurement functions



- Real-time waveform display function



- Three combination modes



- Short circuit test

Technical Specifications		UTL8511S		UTL8512S	
Input ratings (0~40°C)	Input voltage	0~150V			
	Input current	0~3A,0~30A			
	Reslution	0.1mV, 0.1mA			
	Input power	150W	300W		
	Min. operating voltage	1.4V at 30A			
CV mode	Range	0~18V, 0~150V			
	Accuracy	±(0.05%+0.025%FS)			
CC mode	Range	0~3A,0~30A			
	Accuracy	±(0.05%+0.05%FS)			
CR mode	Range	0.05Ω~7.5KΩ			
	Accuracy	0.1%+0.08S			
CP mode	Range	150W	300W		
	Accuracy	±(0.1%+0.1%FS)			
Dynamic mode (CC mode)	T1&T2	50μS~99.999S/Res:1μS			
	Accuracy	5μS±100ppm			
	Rise/fall slope	0.001~3.0A/us			
	Min rise time	≥10us			
Readback voltage	Range	0~18V,0~150V			
	Accuracy	±(0.025%+0.025%FS)			
Readback current	Range	0~3A,0~30A			
	Accuracy	±(0.025%+0.05%FS)			
Readback power	Range	150W	300W		
	Accuracy	±(0.1%+0.1%FS)			
Ripple wave measurement	Range	0-0.3V,0-9V			
	Accuracy	0.1%+2mV, 0.1%+10mV			
OPP		Delay protection when it is ≥ set value x 1.05			
		Instant protection when it is ≥ set value x 1.1			
		Instant protection when it is >(FS+15W)			
OCP		Delay protection when it is ≥ set value x 1.05			
		Instant protection when it is ≥ set value x 1.1			
		Instant protection when it is >(FS+1.5A)			
OVP		Delay protection when it is ≥ set value x 1.05			
		Instant protection when it is ≥ set value x 1.1			
		Instant protection when it is >(FS+3V)			
OTP		≥85°C			
Short circuit	Current (CC)	≤3A,≤30A			
	Voltage (CV)	0V			
	Resistance (CR)	35mΩ			
Input resistance		300KΩ			
Power		110V/220V, 50/60Hz			
Display		LCD			
Product net weight		5.3kg			
Product size (W×H×D)		214mm x 88mm x 340mm			
Standard quantity per carton		2pcs			
Standard carton size		410mm x 310mm x 490mm			
Standard carton gross weight		13.5kg			

Ordering Information	
UTL8500X Series	UT8512S: Programmable DC Electronic Load (150V, 30A, 300W)
	UT8511S: Programmable DC Electronic Load (150V, 30A, 150W)
Standard Accessories	Power cord conforming to the standard of the destination country
	250V, 0.25A fuse x 2 (only for 110V input voltage)

Para mayor información puede consultar el manual de usuario dando clic en el siguiente enlace:
<http://unitrend.oss-cn-hongkong.aliyuncs.com/upload/file/20210530/UTL8500X%20User%20Manual%20REV.0.pdf>