

PROGRAMMABLE DC ELECTRONIC LOAD

ELTO "S" - 10K W SERIES SPECIFICATIONS



FEATURE

- * PROGRAMMABLE DC ELECTRONIC LOAD
- * 4-DIGIT AUTO RANGE DISPLAY
- * CC,CR,CV,CP OPERATION MODE
- * OVP,OCP,OPP,OTP,RPP PROTECTION
- * HIGH ACCURACY
- * PORTABLE TYPE SINGLE LOAD or RACK TYPE
- * DYNAMIC,STATIC,EXTERNAL FUNCTION MODE
- * (T1,T2,T3) 3-STEP AUTO SEQUENCE
- * 24BIT A/D CONVERTER
- * RS-232C(RS-485) For Interface
- * POWER MOSFET
- * ACTIVE POWER DISSIPATION BALANCE

RS-232C(485) S/W

- * 전압,전류 제어 및 모니터링
- * DATA GRAPH VIEW 기능
- * DATA SAVE & RECALL 기능
- * MULTI 16CHANNEL 제어 기능
- * ON/OFF 시험 및 파형 구현 기능
- * 과전압, 과전류 및 하한값 감시 기능
- * DC POWER 연동 기능
- * 해상도 : 1280 x 1024 pixel

APPLICATION

- * 전압,전류 전원 테스트
- * 전원공급기 TRANSIENT RESPONSE
- * 전류 LIMIT 테스트
- * BATTERY EMULATION BY USING CV MODE
- * BATTERY 방전 테스트
- * R&D , QUALITY CONTROL, ATE SYSTEM
- * 전원공급장치 LOAD REGULATION

SPECIFICATION		SLL-10K	SLM-10K	SML-10K	SHL-10K	
OPERATING RANGE	POWER	10kW	10kW	10kW	10kW	
	VOLTAGE	1.0~80V	1.0~80V	2~250V	4~500V	
	CURRENT	0~500A	0~1000A	0~500A	0~250A	
	MIN. OPERATING VOLTAGE	1.0V at 500A	1.0V at 1000A	2V at 500A	4V at 250A	
MODE	CC	RANGE	0~100A/100~500A	0~100A/100~1000A	0~100A/100~500A	0~100A/100~250A
		RESOLUTION	100mA	100mA	100mA	100mA
		ACCURACY	0.06%+0.2%F.S	0.06%+0.2%F.S	0.06%+0.2%F.S	0.06%+0.2%F.S
	CV	RANGE	0.05~80V	0.05~80V	0.05~100V / 100~250V	0.05~100V / 100~500V
		RESOLUTION	10mV	10mV	10mV/100mV	10mV/100mV
		ACCURACY	0.08%+0.1%F.S	0.08%+0.1%F.S	0.08%+0.1%F.S	0.08%+0.1%F.S
	CP	RANGE	~100W/1000W~10000W	~100W~1000W~10000W	~100W~1000W~10000W	~100W~1000W~10000W
		RESOLUTION	10mW/100mW/1W	10mW/100mW/1W	10mW/100mW/1W	10mW/100mW/1W
		ACCURACY	0.5%+0.5%F.S	0.5%+0.5%F.S	0.5%~0.5%F.S	0.5%+0.5%F.S
	CR	RANGE	0.04~10Ω/10~100Ω/ 100~800Ω	0.01~10Ω/10~100Ω/ 100~800Ω	0.04~10Ω/10~100Ω/ 100~1000/1000~2500Ω	0.16~10Ω/10~100Ω/ 100~1000/1000~5000Ω
		RESOLUTION	1mΩ/10mΩ/100mΩ	1mΩ/10mΩ/100mΩ	1mΩ/10mΩ/100mΩ/1Ω	1mΩ/10mΩ/100mΩ/1Ω
		ACCURACY	0.06%+0.2%F.S	0.06%+0.2%F.S	0.06%+0.2%F.S	0.06%+0.2%F.S
FUNCTION	LOAD ON DELAY TIME		1ms~5000ms	1ms~5000ms	1ms~5000ms	1ms~5000ms
	DYNAMIC	MEMORY	3CH(T1,T2,T3)	3CH(T1,T2,T3)	3CH(T1,T2,T3)	3CH(T1,T2,T3)
		TIME	100μs~1s/1~5s	100μs~1s/1~5s	100μs~1s/1~5s	100μs~1s/1~5s
		RESOLUTION	100μs/1ms	100μs/1ms	100μs/1ms	100μs/1ms
		SLEW RATE	0.001~25A/μs	0.001~25A/μs	0.001~25A/μs	0.001~12.5A/μs
		RESOLUTION	0.001A/μs	0.001A/μs	0.001A/μs	0.001A/μs
		CURRENT	0~100A/100~500A	0~100A/100~1000A	0~100A/100~500A	0~100A/100~250A
RESOLUTION	100mA	100mA	100mA	100mA		
VOLTAGE READ BACK	RANGE	0~10V/10~80V	0~10V/10~80V	0~10V/10~100V/100~250V	0~10V/10~100V/100~500V	
	RESOLUTION	1mV/10mV	1mV/10mV	10mV/100mV	10mV/100mV	
	ACCURACY	0.05%+0.1%F.S	0.05%+0.1%F.S	0.05%+0.1%F.S	0.05%+0.1%F.S	
CURRENT READ BACK	RANGE	0~10A/10~100A/100~500A	0~10A/10~100A/100~1000A	0~10A/10~100A/100~500A	0~10A/10~100A/100~250A	
	RESOLUTION	100mA	100mA	100mA	100mA	
	ACCURACY	0.1%+0.1%F.S	0.1%+0.1%F.S	0.1%+0.1%F.S	0.1%+0.1%F.S	
PROTECTION	OPP(POWER)	10400W	10400W	10400W	10400W	
	OVP(VOLTAGE)	81.6V	81.6V	255V	510V	
	OCP(CURRENT)	510A	1020A	510A	255A	
	OTP(TEMP)	85℃	85℃	85℃	85℃	
INPUT RESISTANCE(LOAD OFF)		80kΩ	80kΩ	80kΩ	80kΩ	
V SENSE		0~80V	0~80V	0~250V	0~500V	
I MONITOR		0~10V/0~500A	0~10V/0~1000A	0~10V/0~500A	0~10V/0~250A	
EXTERNAL MODE		0~10V/0~500A	0~10V/0~1000A	0~10V/0~500A	0~10V/0~250A	
PC INTERFACE		RS-232/RS-485	RS-232/RS-485	RS-232/RS-485	RS-232/RS-485	
WEIGHT (APPROX)		123 kg	123 kg	123 kg	123 kg	
DIMENSION(WxHxD)mm		500 x 1400 x 680	500 x 1400 x 680	500 x 1400 x 680	500 x 1400 x 680	