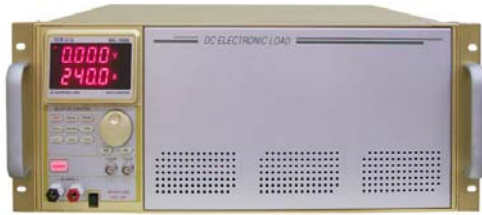


PROGRAMMABLE DC ELECTRONIC LOAD

ELTO "S" - 1200 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 FUNTION 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			SL-1200	SM-1200	SH-1200
OPERATING RANGE	POWER		1.2KW	1.2KW	1.2KW
	VOLTAGE		1.0~80V	2~250V	4~500V
	CURRENT		0~240A	0~120A	0~60A
	MIN. OPERATING VOLTAGE		1.0V at 240A	2V at 120A	4V at 60A
MODE	CC	RANGE	0~100A/100~240A	0~100A/100~120A	0~10A/10~60A
		RESOLUTION	10mA/100mA	10mA/100mA	1mA/10mA
		ACCURACY	0.06%+0.2%F.S	0.06%+0.2%F.S	0.06%+0.2%F.S
	CV	RANGE	0.05~80V	0.05~100V/100~250V	0.05~100V/100~500V
		RESOLUTION	10mV	10mV/100mV	10mV/100mV
		ACCURACY	0.08%+0.1%F.S	0.08%+0.1%F.S	0.08%+0.1%F.S
	CP	RANGE	0~100W/100~1000W/1000~1200W	0~100W/100~1000W/1000~1200W	0~100W/100~1000W/1000~1200W
		RESOLUTION	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
	CR	RANGE	0.02~800Ω	0.08~9000Ω	0.33~9000Ω
		RESOLUTION	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
FUNCTION	LOAD ON DELAY TIME		1ms~5000ms	1ms~5000ms	1ms~5000ms
	DYNAMIC	MEMORY	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
		RESOLUTION	100μs/1ms	100μs/1ms	100μs/1ms
		SLEW RATE	0.001~12A/μs	0.001~6A/μs	0.001~3A/μs
		RESOLUTION	0.001A/μs	0.001A/μs	0.001A/μs
		CURRENT	0~100A/100~240A	0~100A/100~120A	0~10A/10~60A
		RESOLUTION	10mA/100mA	10mA/100mA	1mA/10mA
VOLTAGE READ BACK		RANGE	0~10V/10~80V	0~10V/10~100V/100~250V	0~10V/10~100V/100~500V
		RESOLUTION	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
CURRENT READ BACK		RANGE	0~10A/10~100A/100~240A	0~10A/10~100A/100~120A	0~10A/10~60A
		RESOLUTION	10mA/100mA	10mA/100mA	1mA/10mA
		ACCURACY	0.1%+0.1%F.S	0.1%+0.1%F.S	0.1%+0.1%F.S
PROTECTION		OPP(POWER)	1248W	1248W	1248W
		OVP(VOLTAGE)	81.6V	255V	510V
		OCP(CURRENT)	244.8A	122.4A	61.2A
		OTP(TEMPERATURE)	85℃	85℃	85℃
INPUT RESISTANCE(LOAD OFF)			2MΩ	2MΩ	2MΩ
V SENSE			0~80V	0~250V	0~500V
I MONITOR			0~10V/0~240A	0~10V/0~120A	0~10V/0~60A
EXTERNAL MODE			0~10V/0~240A	0~10V/0~120A	0~10V/0~60A
PC INTERFACE			RS-232/RS-485	RS-232/RS-485	RS-232/RS-485
WEIGHT (APPROX)			31 kg	31 kg	31 kg
DIMENSION(WxHxD)mm			483 x 177 x 500 (19"4U Rack)	483 x 177 x 500 (19"4U Rack)	483 x 177 x 500 (19"4U Rack)