

MODEL: SL-1.2k / SM-1.2k / SH-1.2k (1.2k Watt)



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
- * DYNAMIC,STATIC,EXTERNAL FUNTION MODE
- * 24BIT A/D CONVERTER
- * RS-232C(RS-485) For Interface
- * POWER MOSFET
- * ACTIVE POWER DISSIPATION BALANCE

Application

- * VOLTAGE AND CURRENT SOURCE TESTING
- * POWER SUPPLY TRANSIENT RESPONSE
- * BATTERY DISCHARGE
- * R&D , QUALITY CONTROL, ATE SYSTEM
- * POWER SUPPLY LOAD REGULATION
- * CURRENT LIMIT TEST AND BATTERY EMULATION BY USING CV MODE

ITEM		ELTO SL-1.2K	ELTO SM-1.2K	ELTO SH-1.2K	
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	0.02~10Ω/10~100Ω/ 100~800Ω	0.08~10Ω/10~100Ω/ 100~1000Ω/1000~9000Ω	0.33~10Ω/10~100Ω/ 100~1000Ω/1000~9000Ω
		RESOLUTION	1mΩ/10mΩ/100m Ω	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	100 μs~1s/1~5s	100 μs~1s/1~5s	100 μs~1s/1~5s
		RESOLUTION	100 μs/1 ms	100 μs/1 ms	100 μs/1 ms
		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°C	85°C	85°C
INPUT RESISTANCE(LOAD OFF)		2 MΩ	2 MΩ	2 MΩ
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		420 x 200 x 500	420 x 200 x 500	420 x 200 x 500