

POWER QUALITY START HERE

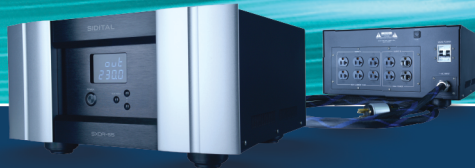
SIDITAL



SXDR-55 Digital Automatic Voltage Stabilizer Line conditioner

The ultimate innovation in the science and art of voltage regulation technology. Designed in a modern classic style, meticulously crafted with the finest components. High in operational potential, with powerful electrical output and complete safety function to protect and solve problems from abnormalities in the electrical system such as undervoltage, overvoltage, voltage fluctuations, power surges, sudden power outages and immediate restorations, frequency deviations, and noise interference. The SXDR-55 can also improve the power quality, allowing audio systems or home theaters to operate with greater stability and maximum efficiency.

SPECIFICATION



SXDR-55

TECHNOLOGY

VOLTAGE STABILIZATION SYSTEM	AUTOMATIC TAP CHANGE BY STATIC ELECTRONIC SYSTEM	
CONTROL SYSTEM	DIGITAL CONTROL AND DISPLAY SYSTEM	
RESPONSE TIME	MAXIMUM 10 ms (1/100 sec) AT ZERO VOLTAGE CROSSING	
TRANSFORMER	DOUBLE OPERATION	TAPPING TRANSFORMER AND SERIES BOOST-BUCK TRANSFORMER

OUTPUT

VOLTAGE AND REGULATION	230 VOLT $\pm 1\%$
VOLTAGE CENTER	SETTING 200~240 VOLT, RESOLUTION 0.1 VOLT
DELAY TIME AFTER RESET	5 SECONDS
WAVE FORM	SINE WAVE (SYNCHRONIZE WITH INPUT WAVE FORM)

INPUT

VOLTAGE AND REGULATION	230 VOLT $\pm 10\%$ TO -15%
FREQUENCY	50 Hz
WAVE FORM	SINE WAVE

LINE CONDITIONER

TRANSIENT VOLTAGE AND SURGE SUPPRESSION	VARISTOR
HIGH SURGE AND LIGHTNING PROTECTION	GAS ARRESTER
RFI AND EMI FILTER	X2 CAPACITOR, Y2 CAPACITOR AND TOROIDAL COIL

PROTECTION SYSTEM

SAFETY DIAGNOSIS AND RESET PROTECTION	SHUTDOWN	HIGH INPUT VOLTAGE
SPIKE AND SURGE PROTECTION		LOW INPUT VOLTAGE
SURGE PROTECTION WHEN ELECTRICITY RESTORE SUDDENLY	AUTOMATIC SHUTDOWN AND DISPLAY WITH ALARM	SPIKE FUSE
OUTPUT VOLTAGE LIMIT		RESET SYSTEM
VOLTAGE FLUCTUATION		23 VOLT COMPARE WITH OUTPUT VOLTAGE CENTER WHEN INPUT VOLTAGE WAS CONTINUED FLUCTUATION
FREQUENCY ERROR		50 Hz $\pm 4\%$ (48-52 Hz)
OPERATING SYSTEM DIAGNOSTICS	SHUTDOWN	WHEN SYSTEM ERROR OR THE DEVICES LEAK OR FAULT
OVERLOAD AND OUTPUT SHORT CIRCUIT PROTECTION		CIRCUIT BREAKER

DISPLAY

DEVICE TYPE	LED 7 SEGMENT 4 DIGIT 2 ROW
BRIGHTNESS	SETTING 4 LEVEL
CONTROLABLE OR UNCONTROLABLE INPUT VOLTAGE	OPERATION VOLTAGE RANGE OR OVER-UNDER VOLTAGE
VOLTAGE	OUTPUT VOLTAGE, INPUT VOLTAGE, RESOLUTION 0.1 V
FREQUENCY	OUTPUT FREQUENCY
SHUTDOWN REPORT	SHUTDOWN CAUSES AND RECORDING REPORT
FUNCTION SETTING	OPERATING FUNCTION SYSTEM

GENERAL

POWER RATING	3500 WATT
OPERATION ON/OFF	CIRCUIT BREAKER AND RESET SWITCH
RESET SYSTEM	MANUAL RESET AND AUTOMATIC RESET
AUTOMATIC RESET TIMING RANGE	SETTING 1-999 SECONDS
ALARM SYSTEM	AUDIBLE ALARM SETTING ON/OFF
FUNCTION SETTING	MENU SWITCH AND UP-DOWN SWITCH
TIMER OFF	SETTING 1 MINUTE TO 5 HOURS

PHISICAL

AC POWER CORD	SIZE x LENGTH	3x6 Sq.mm x 2.4 M
RECEPTACLE	10 OUTLET NEMA 5-20R	HIGH CURRENT FILTER 6 OUTLET HIGH POWER 4 OUTLET
AMBIENT TEMPERATURE		0-50 °C
RELATIVE HUMIDITY		0-95 %
DIMENSION	WIDTH x HEIGHT x DEPTH	435 mm x 230 mm x 405 mm

SILICON POWER SUPPLY CO., LTD.

455/13-16 Soi Phibunuppatham, Latphrao Road, Samsennok, Huaykwang, Bangkok 10320

(66)0-2275-1182, 0-2275-1275, 0-2275-7161, 0-2276-9973