

# Programmable DC Power Supply EDP – 503

- EASY OPERATION , With JOG-DIAL
- "LCD" DISPLAY ,BACK LIGHT
- MEMORY STORE & RECALL 100 POINTS
- AUTO STEP RUNNING(MAX 100 FUNCTION)
- TIME/SLOPE/COUNTER/OVP SETTING
- OCP/OVP/OTP PROTECTION
- WARNING SYSTEM MESSAGE
- CONSTANT VOLATAGE & CURRENT OUT
- HIGH STABILITY & HIGH ACCURACY
- LOW DRIFT & LOW RIPPLE
- V-SENSING FUNCTION
- RS-232C / GP-IB INTERFACE (Option)
- ANALOG INPUT (0~10V dc Remote Function)
- EXTERNAL OUTPUT ON/OFF FUNCTION



SPECIFICATION	MODEL	EDP-503
OUTPUT	Watt	150W
	Voltage	0 ~ 50V
	Current	0 ~ 3A
Programming Accuracy (At 25°C±5°C)	Voltage	0.1% + 17mV
	Current	0.1% + 3mA
RIPPLE & NOISE (from 20Hz to 20MHz)	Voltage(rms/p-p)	2mV/20mV
	Current	6mA
Read back Accuracy (At 25°C±5°C)	Voltage	0.1% + 17mV
	Current	0.1% + 3mA
LOAD REGULATION	Voltage	10mV
	Current	3mA
LINE REGULATION	Voltage	3mV
	Current	2mA
CONTROL RESOLUTION	Voltage	10mV
	Current	1mA
DISPLAY (16×2 LCD )	Voltage	4 ½ Auto Range of 5 Reading/s
	Current	4 ½ Auto Range of 5 Reading/s
PROTECTION SETTING	Over Voltage	Full Scale of DC Output Voltage + 3%
	Over Current	Full Scale of DC Output Current + 3%(Only OCP Set Mode)
	Temperature	Heat Sink 85°C
AUTO SEQUENCE (DYNAMIC)	Auto Run Step	Maximum 100 Step
	Setting Time	1ms ~ 50,000s
	Slope Time	1ms ~ 50s
	Repeat Cycle	1 ~ 50,000 Cycle ("0" Set: ∞)
TRANSIENT RECOVERY TIME		100µs(50% Load Current Change Minimum Load 0.5A)
OPERATING ENVIRONMENT		0~50 °C, 80%R.H.
MEMORY ADDRESS		Max. 100 Points (Voltage, Current, Time, Slope)
INTERFACE FOR PC		Built-in RS-232C(RS-485), GP-IB(Option)
AC POWER SOURCE		AC 220V ± 10% , 60Hz
WEIGHT (APPROX)		14kg
DIMENSION(W*H*D mm)		140*200*450