

# Single Channel Regulated DC Power Supply (LED)

30V, 2/3/5A



## Description of products

### Main features: (EPS-3010L-1)

- High efficient toroidal transformer
- Two digital panel meters
- Overload and reverse polarity protection
- Constant Voltage ,Constant Current, low ripple noise ,low temperature drift
- Pre-set current limited point

### Main features: (EPS-3003LK-2 / EPS-3005LK-1 Or 2 / EPS-6003LK-2)

- Two digital panel meters
- Constant voltage and constant current operation
- High efficient ,light and compact design
- High power density
- Output switch off function (output standby)
- Overload and reverse polarity protection
- 5V/1A fixed output

## Technical parameter

MODEL	EPS-3010L-1	EPS-3003LK-1 or -2	EPS-3005LK-2	EPS-6003LK-2
OUTPUT VOLTAGE (CV)	0~30V	0~30V, 5V (FIXED)	0~30V, 5V (FIXED)	0~60V, 5V (FIXED)
OUTPUT CURRENT (CC)	0~10A	0~3A, 1A (For model -2 Only)(FIXED)	0~5A, 1A (FIXED)	0~3A, 1A (FIXED)
RIPPLE REJECTION	1 mVrms	0.3 mVrms	0.5 mVrms	0.6 mVrms
LINE REGULATION	+/-0.01%+5mV	+/-0.005%+2mV	+/-0.01%+2mV	+/-0.02%+2mV

LOAD REGULATION	+/-0.01%+5mV	+/-0.005%+2mV	+/-0.01%+2mV	+/-0.02%+2mV
VOLTAGE RESOLUTION	0.1V	0.1V	0.1V	0.1V
CURRENT RESOLUTION	0.01A	0.01A	0.01A	0.01A
5V / 1A FIX OUTPUT VOLT ACCURACY	N/A	+/-1%	+/-1%	+/-1%
5V / 1A FIX OUTPUT RIPPLE	N/A	+/-2mVrms	+/-2mVrms	+/-2mVrms
TRANSIENT RECOVERY TIME	100uS (50%LOAD CHARGE,MINIMUM LOAD 0.5A)			
DISPLAYER	VOLTAGE	3 1/2 DIGITAL RANGE DIGITAL DISPLAY		
	CURRENT	3 1/2 DIGITAL RANGE DIGITAL DISPLAY		
OPERATING ENVIRONMENT	0~40C ,80%R.H.			
AC POWER SOURCE	AC 110/220V +/- 10% , 50/60Hz (CUSTOMER MODE)			
ACCESSORIES	INPUT POWER CORD, MANUAL , OUTPUT CABLE			
DIMENSION (W*D*H§®)	345x245x140	310x130x165	130x330x165	130x330x165
WEIGHT (KG)	10	5.6	7.2	7.5