

# Digital Display DC Power SUPPLY

## *HY1500C Series*



### 1. TECHNICAL PARAMETERS

#### 1.1 Input voltage:

104~127V AC (60Hz),  
or 207~253V AC (50Hz)

#### 1.2 Line regulation:

CV $\leq$ 0.01%+1mV

CC $\leq$ 0.2%+1mA

#### 1.3 Load regulation:

CV $\leq$ 0.01%+3mV(I $\leq$ 3A)

CC $\leq$ 0.2%+3mA(I $\leq$ 3A)

CV $\leq$ 0.01%+5mV(I>3A)

CC $\leq$ 0.2%+5mA(I>3A)

#### 1.4 Ripple and noise:

CV $\leq$ 0.5mVr.m.s (I $\leq$ 3A)

CC $\leq$ 3mAr.m.s (I $\leq$ 3A)

CV $\leq$ 1.0mVr.m.s (I>3A)

CC $\leq$ 6mAr.m.s (I>3A)

**1.5 Protection:** constant current and short-circuit protection

#### 1.6 Voltage indication accuracy:

LED/LCD $\pm$ 1%+2digits, analogue display 2.5%

#### 1.7 Current indication accuracy:

LED/LCD $\pm$ 2%+2digits, analogue display 2.5%

**1.8 Environment:** 0 ~ +40 °C relative humidity:<90%

### 2. Models:

	Output Voltage	Output Current	Load Effect	Ripple &Noise
HY1502C	0~15V	0~2A	CV $\leq$ 0.01%+3mv	CV $\leq$ 0.5mVr.m.s
HY1503C	0~15V	0~3A	CV $\leq$ 0.01%+3mv	CV $\leq$ 0.5mVr.m.s
HY1505C	0~15V	0~5A	CV $\leq$ 0.01%+5mv	CV $\leq$ 1.0mVr.m.s

2.1 Display accuracy : analogue display 2.5%

**3. Dimension: 210x95x160 mm**

**4. Weight: 2-4Kg**