

SPD-3606 Specifications

The specifications apply when the SPD-3606 is powered on for at least 30 minutes under +20°C~+30°C.

OUTPUT RATINGS	
CH1/CH2 Independent	0 ~ 30V / 0 ~ 6A ; 0 ~ 60V / 0 ~ 3A
CH1/CH2 Series	0 ~ 60V / 0 ~ 6A ; 0 ~ 120V / 0 ~ 3A
CH1/CH2 Parallel	0 ~ 30V / 0 ~ 12A ; 0 ~ 60V / 0 ~ 6A
CH3	0.1 ~ 5V / 3A
VOLTAGE REGULATION	
Line	$\leq 0.01\% + 3\text{mV}$
Load	$\leq 0.01\% + 5\text{mV}$ (rating current $\leq 6\text{A}$) $\leq 0.01\% + 8\text{mV}$ (rating current $\leq 12\text{A}$)
Ripple & Noise	$\leq 5\text{mVrms}$ (5Hz ~ 1MHz) $\leq 50\text{mVpp}$ (20Hz ~ 20MHz)
Recovery Time	$\leq 100\mu\text{s}$ (50% load change, minimum load 0.5A)
CURRENT REGULATION	
Line	$\leq 0.2\% + 3\text{mA}$
Load	$\leq 0.2\% + 3\text{mA}$
Ripple & Noise	$\leq 3\text{mArms}$
TRACKING OPERATION	
Tracking Error	$\leq 0.5\% + 10\text{mV}$ of master
Series Regulation	$\leq 300\text{mV}$
Ripple & Noise	$\leq 10\text{mVrms}$ (5Hz ~ 1MHz) $\leq 100\text{mVpp}$ (20Hz ~ 20MHz)
OUTPUT ON/OFF RESPONSE TIME	
Voltage Up (10% ~ 90%)	$\leq 100\text{ms}$ ($\leq 95\%$ rating load)
Voltage Down (90% ~ 10%)	$\leq 100\text{ms}$ ($\geq 10\%$ rating load)
OVP	
Accuracy	$\pm (0.5\% \text{ of reading} + 0.5\text{V})$
METER	
Type	3 1/2 digits 0.5" LED display
Accuracy	$\pm (0.5\% \text{ of reading} + 2 \text{ digits})$
Resolution	100mV/10mA
INSULATION	
Chassis & Terminal	100M Ω or above (DC 1000V)
Chassis & AC code	100M Ω or above (DC 1000V)
TEMPERATURE COEFFICIENT	
Voltage	$\leq 100\text{ppm}/^\circ\text{C} + 3\text{mV}$
Current	$\leq 150\text{ppm}/^\circ\text{C} + 3\text{mA}$
REMOTE CONTROL	
	Output On/Off

FAN NOISE	
	≤ 50dB
OPERATION ENVIRONMENT	
	Ambient temperature 0 ~ 40°C Relative humidity ≤ 80%
STORAGE ENVIRONMENT	
	Ambient temperature -10 ~ 70°C Relative humidity ≤ 70%
POWER SOURCE	
	AC 115V/230V ±15%, 50/60Hz
ACCESSORIES	
	User manual x 1 Power code x 1 Test lead GTL-104 x 2, GTL-105 x 1 or European test lead GTL-201 x 1, GTL-203 x 1, GTL-204 x 2
DIMENSIONS & WEIGHT	
	255 (W) x 145 (H) x 265 (D) mm Approx. 6kg