

# PROGRAMMABLE POWER SUPPLY

## PPS-3 SERIES

**2+1 Output**

**High Precision  
Programmable P.S.**

**O/P : 0 ~ 30 V x 2  
& 2.5 / 3.3 / 5 V, 3 A Fixed**

**Auto CV and CC switch**

**100mV/10mA Resolution**

**USB interface Optional**

**Smart cooling fan**

**High Stability & Accuracy**

**Save & Recall of 4 Panel**

**Settings**

**Panel Lock**

**O/P On/Off**



### SPECIFICATIONS

Model	PPS-3003-3	PPS-3005-3
Main O/P - Ch. 1 & 2	0~30V / 0~3A	0~30V / 0~5A
Aux. (Fixed) O/P	2.5 / 3.3 / 5 V, 3 A	
Constant voltage operation (Main O/P)		
Line regulation	≤0.01%+3mV	
Load regulation	≤0.01%+3mV (I ≤ 3A) & ≤0.01%+3mV (I ≥ 3A)	
Ripple & Noise	≤ 1 mV rms (I ≤ 3A) ≤ 2 mV rms (I ≥ 3A) (5Hz~1MHz)	
Constant current operation (Main O/P)		
Line regulation	≤0.2%+3mA	
Load regulation	≤ 0.2% + 3 mA (I ≤ 3A) & ≤ 0.2% + 5 mA (I ≥ 3A)	
Ripple & Noise	≤ 3 mA (I ≤ 3A) & ≤ 6 mA (I ≥ 3A)	
Display		
Voltmeter / Ammeter	3 digits LED display - Dual Colour	
Setting Accuracy	Voltage	± (0.5% + 2 Dgts.)
	Current	± (0.5% + 2 Dgts.) (I ≤ 3A) & ± (0.5% + 5 Dgts.) (I ≥ 3A)
Reading Accuracy	Voltage	± (0.5% + 2 Dgts.)
	Current	± (0.5% + 3 Dgts.) (I ≤ 3A) & ± (0.5% + 5 Dgts.) (I ≥ 3A)
Protection	Over load, over voltage, over current and reverse polarity	
Panel lock	Provided	
Prog. / Interface	USB Optional. Supports Labview.	
Memory	4 sets	
Operating Environment	0°C~40°C, ≤80%RH	
Power source	AC 110 V / 220 V (± 10%) selectable, 50 / 60 Hz.	
Dimensions & Weight	250 x 150 x 310 mm. 7.5 Kg & 10 Kg.	
Accessories	Power cord x1, Operation manual x1, Test lead x1, Optional : USB Cable x1, Software C.D. x1	