

# PS360 Series lab power supplies



- Switch mode design: compact & light weight
- Five models to choose from up to 60V and 30A
- Constant Voltage and Constant Current operation
- 0-100% adjustment for Voltage & Current
- 3 Digit LED Display for Voltage & Current
- Short Circuit & Overload protection
- Coarse and Fine Voltage Controls
- LED indicator for CV , CC modes



## Specifications

<b>INPUT VOLTAGE:</b>	90 - 264 VAC wide input
<b>FREQUENCY:</b>	47 - 63Hz
<b>EFFICIENCY:</b>	Model dependant, typically 85%
<b>OUTPUT VOLTAGE:</b>	12V set to float voltage of 13.8V 24V set to float voltage of 27.6V
<b>VOLTAGE ADJUSTMENT:</b>	12V (13.5 to 16) 24V (27 to 31)
<b>OUTPUT POWER:</b>	Three power levels, 50, 100 and 150W
<b>LINE REGULATION</b>	
<b>LOAD REGULATION:</b>	
<b> RIPPLE &amp; NOISE:</b>	120 - 150mV pk-pk
<b>TEMPERATURE DRIFT:</b>	1% maximum over -10° to 50°C
<b>PROTECTION:</b>	Rectifier short circuit protected Rectifier OVP Rectifier overload current limited Battery fuse - 15A Battery low voltage disconnect option
<b>ISOLATION:</b>	Rectifier input - output 3000 VAC output - ground 500 VAC
<b>SAFETY:</b>	Designed to meet EN60950, AS3260
<b>EMC:</b>	EN55022 level A
<b>COOLING:</b>	Free air convection

<b>HUMIDITY:</b>	20 - 90% non- condensing
<b>OPERATING TEMP:</b>	10°C to +50°C
<b>DIMENSIONS:</b>	SNB series: 259 x 148 x 70mm 1~1.5Kg. SNBW series: 248 x 166 x 361mm 3~5.0Kg.
<b>CONNECTIONS:</b>	Screw terminal connections
<b>INDICATORS:</b>	Power Fail - LED Battery Fail - LED Power Fail (AC/Rectifier Fail) Battery Fail
<b>ALARMS:</b>	Alarms provided by voltage free relay contacts
<b>Low Voltage Disconnect Option</b>	Designed to protect the battery from deep discharge Operates at approx 1.6 ~ 1.65V per cell
<b>Line regulation Current</b>	3mA
<b>Line regulation voltage</b>	5mV
<b>Load regulation voltage</b>	5mV
<b>Load regulation current</b>	5mA
<b>Output ripple voltage RMS</b>	5mV
<b>Output ripple voltage peak to peak</b>	100mV
<b>Output ripple current</b>	3mA

## Model Selection Table

Model	V out	I out	Power	Weight
PS360-1230	0-12V	0-30A	360W	4KG
PS360-1820	0-18V	0-20A	360W	4KG
PS360-2415	0-24V	0-15A	360W	4KG
PS360-3610	0-36V	0-10A	360W	4KG
PS360-6006	0-60V	0-6A	360W	4KG