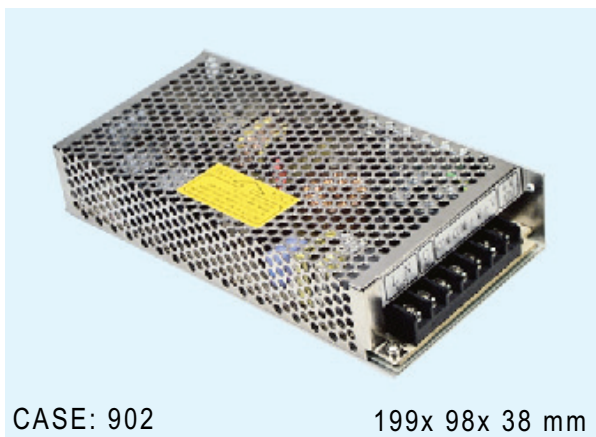


# 100W Single Output Switching Power Supply



- AC input range selectable by switch
- Protections: Short circuit / Overload
- Fixed switching frequency at 25KHz
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty

AC input voltage range ..... 85~132VAC/ 180~264VAC selectable by switch

AC inrush current ..... Cold start, 30A at 115VAC, 60A at 230VAC

DC adjustment range .....  $\pm 10\%$  rated output voltage

Overload protection ..... 105%~150% shut off, AC recycle to re-start  
(S-100-7.5: 150%~200%)

Setup, rise, hold up time ..... 200ms, 80ms, 20ms at full load and 230VAC

Withstand voltage ..... I/P-O/P:1.5KVAC, I/P-FG:1.5KVAC, 1minute

Working temperature ..... -10~60°C (refer to output derating curve)

Safety standards ..... Design refer to UL1012

EMC standards ..... Design refer to FCC part 15 J

Connection ..... 7P / 9.5mm pitch terminal block

Packing ..... 0.62kg ; 20pcs / 13.6kg / 0.8CUFT

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10061	S-100-3	3V, 0~20A	$\pm 2\%$	100mV	70%
10062	S-100-5	5V, 0~20A	$\pm 2\%$	100mV	78%
10063	S-100-7.5	7.5V, 0~13.6A	$\pm 1\%$	100mV	80%
10064	S-100-10	10V, 0~10A	$\pm 1\%$	100mV	80%
10065	S-100-12	12V, 0~8.5A	$\pm 1\%$	100mV	81%
10066	S-100-15	15V, 0~6.7A	$\pm 1\%$	100mV	81%
10070	S-100-18	18V, 0~5.6A	$\pm 1\%$	100mV	82%
10067	S-100-24	24V, 0~4.5A	$\pm 1\%$	100mV	84%
10068	S-100-27	27V, 0~3.7A	$\pm 1\%$	100mV	84%
10069	S-100-48	48V, 0~2.0A	$\pm 1\%$	100mV	84%