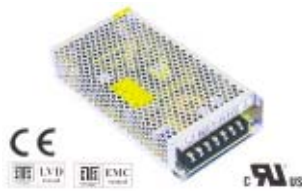


100W Single Output Series - with approval



- . High reliability
- . AC input range selected by switch
- . Approvals: UL, ETS/LVD/EMC/CE
- . 100% full load burn-in test
- . Protections: over current / over voltage / short circuit
- . 1 year warranty
- . F610 199 x 98 x 39(mm)

AC input voltage range	85~132 / 170~264VAC selected by switch
Input frequency	47~63Hz
Inrush current	cold start, 20A/115V, 40A/230V
Input leakage current	< 0.7mA/230VAC
Line regulation (full load)	<= 0.5%
Output voltage adjust range	+ - 10%
Output over current protection ...	110~130% current limiting, auto recovery
Output over voltage protection ...	115-150%
Withstand voltage	I/P -O/P: 3.0KVAC/1min
	I/P -F/G: 1.5KVAC/1min
	O/P-F/G: 0.5KVAC/1min
Rise time	50ms @ full load (typical)
Hold up time	20ms @ full load (typical)
Operating temp. & humidity	-10°C ~ +50°C, 20%~93% RH (non condensing)
Storage temp. & humidity	-20°C ~ +85°C, 20%~95%RH (non condensing)
Safety standards	GB4943, UL60950, EN60950
EMC standards	GB9254, EN55022 class B, EN55024
	EN61000-3-2,3, EN61000-4-2,3,4,5,6,8, 11
Cooling method	convection

Model	DC Output	Load regul.		R&N	Efficiency
PS1-100W-SF3.3	3.3V	20A	0.5%	100mV	65%
PS1-100W-SF5	5V	20A	0.5%	100mV	77%
PS1-100W-SF7.5	7.5V	13.5A	0.5%	100mV	78%
PS1-100W-SF12	12V	8.5A	0.5%	100mV	82%
PS1-100W-SF15	15V	6.7A	0.5%	100mV	82%
PS1-100W-SF24	24V	4.5A	0.5%	100mV	83%
PS1-100W-SF48	48V	2.2A	0.5%	150mV	84%

*Note: Max.V=48, Max.A=20, MaxVA=100

