

100W Single Output Switching Power

- 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



199 x 98 x 38 mm

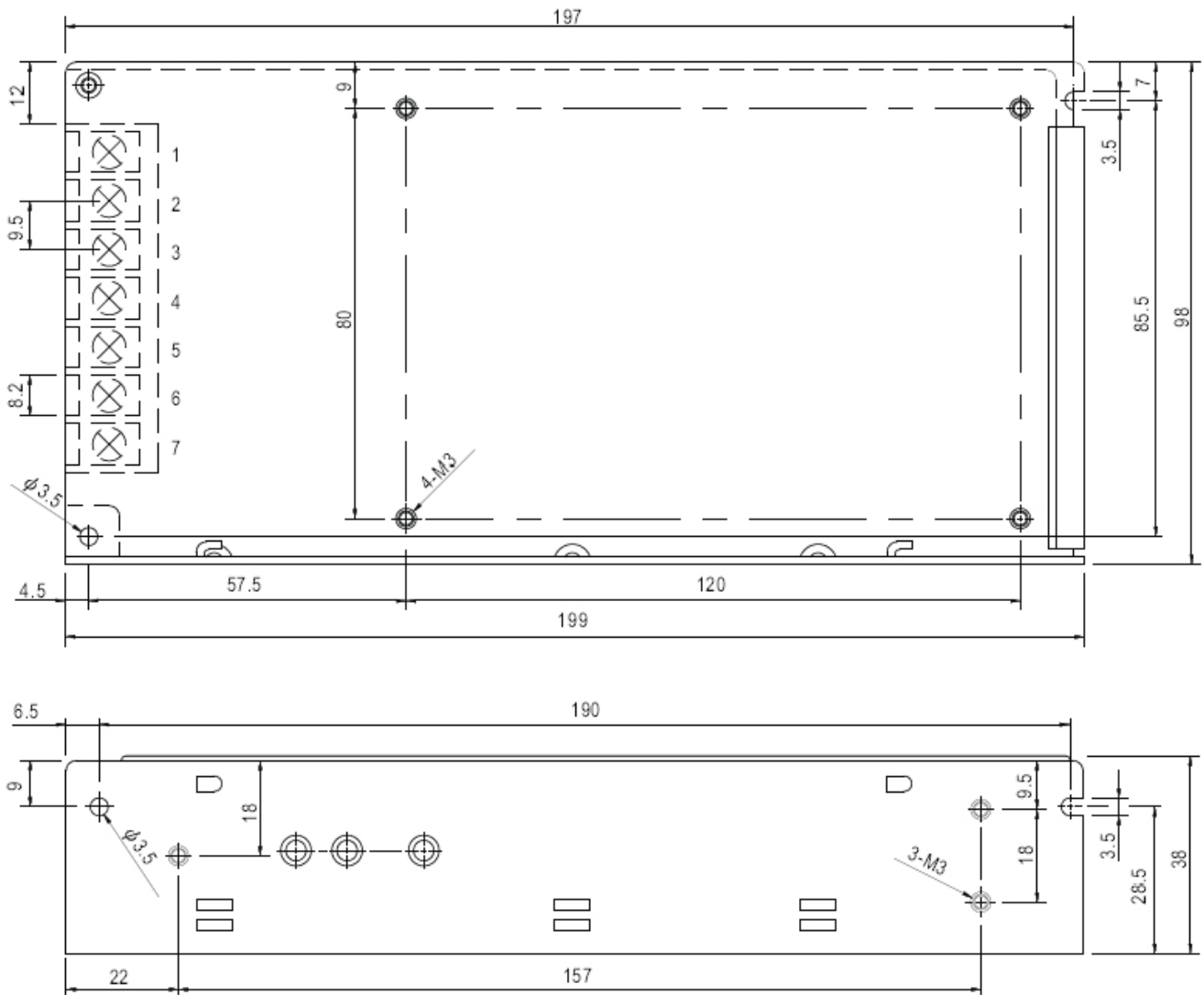
AC input voltage range	85~132VAC/ 180~264VAC selectable by switch
AC inrush current	Cold start, 30A at 115VAC, 60A at 230VAC
DC adjustment range	±10% rated output voltage
Overload protection	105%~150% shut off, AC recycle to re-start
Setup, rise, hold up time	200ms, 80ms, 20ms at full load and 230VAC
Withstand voltage	I/P-O/P:1.5KVAC, I/P-FG:1.5KVAC, 1 minute
Working temperature	0~50 °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	0.65kg ; 30pcs / 20kg /1 .25CUFT

Model No.	Output	Tol.	R&N	Effi.
S-1 00-3	3V, 0~20A	2%	100mV	70%
S-1 00-5	5V, 0~20A	2%	100mV	78%
S-100-7.5	7.5V, 0~13.6A	1%	100mV	80%
S-100-10	10V, 0~10A	1%	100mV	80%
S-100-12	12V, 0~8.5A	1%	100mV	81%
S-100-15	15V, 0~6.7A	1%	100mV	81%
S-100-18	18V, 0~5.6A	1%	100mV	82%
S-1 00-24	24V, 0~4.5A	1%	100mV	84%
S-1 00-27	27V, 0~3.7A	1%	100mV	84%
S-1 00-48	48V, 0~2.0A	1%	100mV	84%
S-100-13.8	13.8V, 0~7.2A	1%	100mV	81%

100W Single Output Switching Power Supply

S-100 series

■ Mechanical Specification



Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG \perp		