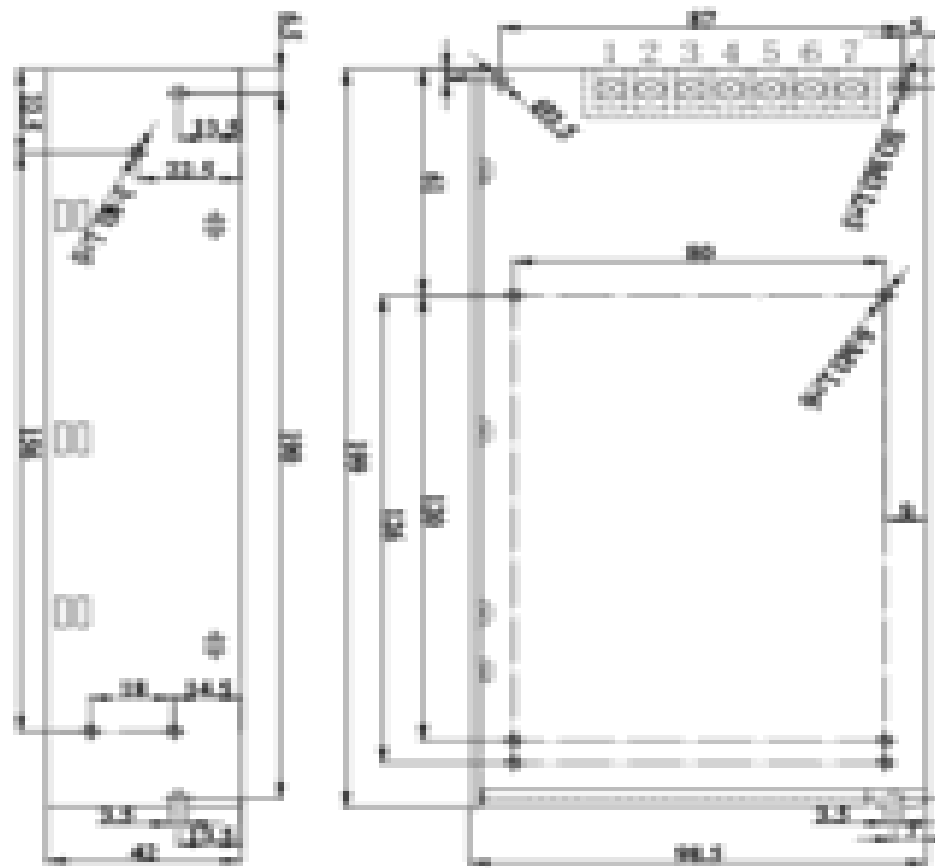




Model		A-100-3.3	A-100-5	A-100-7.5	A-100-12	A-100-13.8	A-100-15	A-100-24	A-100-48
Output	DC voltage	3.3V	5V	7.5V	12V	13.8V	15V	24V	48V
	Rated current	20A	20A	13.5A	8.4A	7.3A	6.7A	4.5A	2.2A
	Current range	0 ~ 20A	0 ~ 20A	0 ~ 13.5A	0 ~ 8.4A	0 ~ 7.3A	0 ~ 6.7A	0 ~ 4.5A	0 ~ 2.2A
	Rated power	100W	100W	101W	100.8W	100.7W	100.5W	108W	105W
	Ripple & noise	100mVp-p	100mVp-p	100mVp-p	120mVp-p	120mVp-p	120mVp-p	200mVp-p	240mVp-p
	Voltage ADJ.Range	2.9 ~ 3.6V	4.5 ~ 5.5V	6.7 ~ 8.2V	10.8 ~ 13.2V	12.4 ~ 15.1V	13.5 ~ 16.5V	21.6 ~ 26.4V	43 ~ 52V
	Voltage tolerance	±1.0%	±1.0%	±1%	±1%	±1%	±1%	±1%	±1%
	Line regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Load regulation	±2%	±2%	±2%	±1%	±1%	±1%	±1%	±1%
	Setup, rise time	1000ms , 50ms/230VAC load 100%							
	Hold up time (T _{YP})	20ms/230VAC load 100%							

Input	Voltage range	88 ~ 132VAC,176 ~ 264V AC (with inter switch)							
	Frequency range	47 ~ 63HZ							
	Power coefficient (Typ)	PF≥0.5							
	Efficiency(Typ)	≥71%	≥78%	≥80%	≥81%	≥81%	≥82%	≥84%	≥85%
	Inrush current(Typ)	35A/230VAC							
	Leakage current	<2mA/240VAC							
Protection	Overload	110 ~ 150% rated							
	Short circuit	Protection type: power supply was protected when output short circuit ,shut down output, recovers automatically after remove short circuit							
	Over voltage (Voltage limited)	3.6 ~ 4.9V	5.5 ~ 7.5V	8.2 ~ 11.2V	13 ~ 18V	15.1 ~ 20.7V	16.5 ~ 22.5V	26.4 ~ 36V	52.8 ~ 72V
	Over temperature	No							
Environment	Working temperature	-15℃ ~ +50℃							
	Working humidity	20 ~ 90%RH non-condensing							
	Storage tempeture	-25℃ ~ +85℃							
	Storage humidity	10 ~ 95%RH							
	Temperature coefficient	±0.03%/℃ (0 ~ 50℃)							
	Vibration	10 ~ 500Hz , 2G , 10min/1 cycle , period for 60min, each along X,Y,Z axes							
Safety& EMC	Safety standards	EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013							
	Withstand voltage	I/P-O/P、I/P-FG : 1.5KVAC O/P-FG : 0.5KVAC							
	Isolation resistance	I/P-O/P、I/P-FG、O/P-FG : ≥50MΩ/500VDC							
	EMC	EN61000-3-2,EN61000-3-3							
	Hamonic current	EN55022,EN55024,EN61000-6-2 class B							

Other	MTBF	10,0000 hours(25°C)
	Dimension	199*98*42 (L*W*H)
	Packing	28pcs/carton , 19.2Kg , 0.65Kg/pc
Note	*In order to extend power supply lifetime, suggest keep 30% allowance when match load, such as : equipment need to use 100W, so choose choose not less than 130W power supply. *Ripple and noise are measured at 20MHzo of bandwidth by using a 12 twisted pair-wire terminated with a 0.1uF&47uF parallel capacitor.	



Pin No.	Assignment			Pin No.	Assignment
7	AC/L			3 ~ 4	DC output(-V)
6	AC/N			1 ~ 2	DC output(+V)
5	GND				