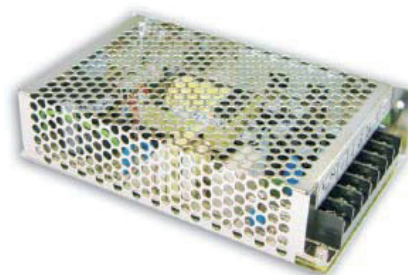


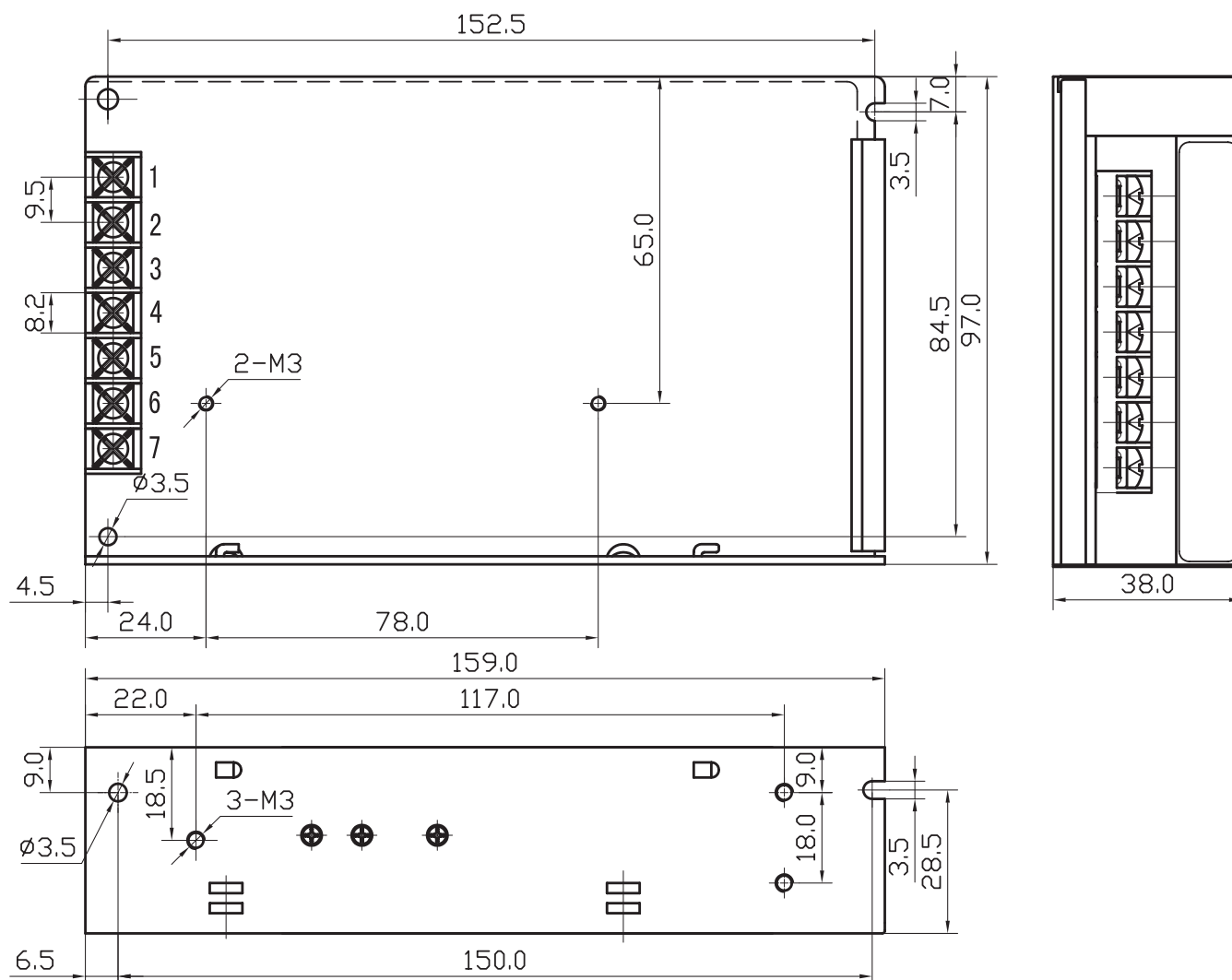
Features:

Universal AC input full range
 Protections: Short circuit/Over load/Over voltage
 Cooling by free air convection
 Built-in LED indicator
 100% full load burn in test
 All using 105°C long life electrolytic capacitors
 Withstand 300VAC surge input for 5 second
 Max working temp. at 70°C
 Withstand 5G vibration test
 High efficiency, High reliability, long life
 Dimension: 159*97*38mm (L*W*H)



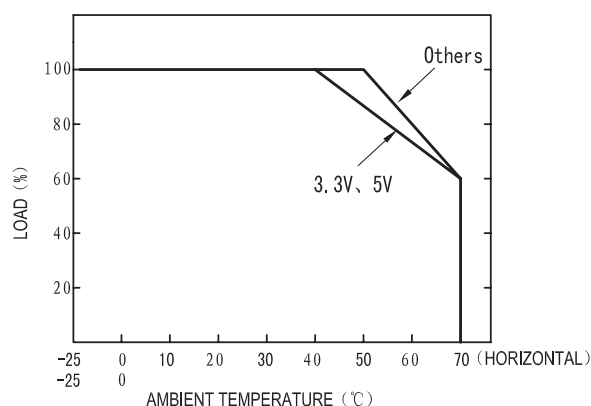
Shell code: H003

Model		A RICHIESTA	A RICHIESTA	13/25030	A RICHIESTA	13/25032	A RICHIESTA
Output	DC Voltage	3.3V	5V	12V	15V	24V	48V
	Rated Current	20A	16A	8.5A	7A	4.5A	2.3A
	Current Range	0~20A	0~16A	0-8.5A	0-7A	0-4.5A	0-2.3A
	Voltage Tolerance	± 3.0%	± 2.0%	± 1.0%	± 1.0%	± 1.0%	± 1.0%
	Line Regulation	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
	Load Regulation	± 2.5%	± 1.0%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
	Rated Power	66W	80W	102W	105W	108W	110.4W
	Ripple & Noise	80mVp-p	80mVp-p	120mVp-p	120mVp-p	120mVp-p	200mVp-p
	DC Voltage Adj. Range	3.2V~3.5V	4.75~5.5V	11.4 ~ 13.2V	14.25~ 16.5V	22.8-26.4V	45.6 ~ 52.8V
	Setup, rise time	500ms, 20ms/230VAC 1200ms, 30ms/115VAC full load					
	Hold time(Typ.)	100ms/230VAC 18ms/115VAC full load					
Input	VOLTAGE RANGE	88 ~ 264VAC 125 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage)					
	FREQUENCY RANGE	47~63Hz					
	EFFICIENCY (Typ.)	74%	77%	81%	82%	84%	84%
	AC CURRENT (Typ.)	2.5A/115VAC 1.5A/230VAC					
	INPUT	Cold start 40A/230VAC					
	INRUSH CURRENT (Typ.)	<2mA / 240VAC					
Protection	Over load	110 ~ 150% rated output power					
		Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	Over voltage	3.8~4.45V	5.75~6.75V	13.8~16.2V	17.25~20.25V	27.6~32.4V	55.2~64.8V
		Protection type : Hiccup mode, recovers automatically after fault condition is removed					
Environment	Working temp & humidity	-25~+70°C 20 ~ 90% RH					
	Storage temp & himidity	-40 ~ +85°C, 10 ~ 95% RH					
	Vibration	10 ~ 500Hz, 5G 10min./ 1cycle, period for 60 min, each along X,Y,Z axes					
Safety	Withstand voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC					
	Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC					
standards	Safety standards	Design refer to UL60950-1,TUV EN60950-1					
	EMC standard	Design refer to EN55022 CLASS B, EN61000-3-2-3; EN61000-4-2,3,4,5,6,8,11;ENV50204,EN61000-6-2(EN50082-2)					
Others	Weight	0.6Kg					
	Packing	30pcs/18.5Kg/0.99CUFT					
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µf & 47µf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Load regulation is measured from 0% to 100% rated load. 6. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 7. Length of set up time is measured at cold first start. Turnng ON/OFF the power supply very quickly may lead to increase of the set up time. i						

100W Single Output Switching Power Supply**■ Outline and Installation Dimension:**

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		

■ Derating Curve**■ Static Characteristics (24V)**