



■Features :

- Built-in switching power technology for worldwide 90 to 264V AC use
- No load power consumption<0.4W
- Maximum output power: 6W
- Protections: Short circuit / Over load / Over voltage
- Approvals:UL/CB/FCC
- 2 year warranty

SPECIFICATION



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ORDER NO.			HR05NS03	HR05NS04	HR05NS05	HR05NS06	HR05NS07	HR05NS08	HR05NSABC-XYZ	
OUTPUT	DC VOLTAGE N	ote.2	4.2V	5V	9V	12V	15V	24V	3~24V	
	RATED CURRENT		1000mA	1000mA	660mA	500mA	400mA	250mA	1	
	CURRENT RANGE		0~ 1000mA	0 ~ 1000mA	0 ~ 660mA	0 ~ 500mA	0 ~ 400mA	0 ~ 250mA	0~1000mA	
	RATED POWER		4.2W	5W	6W	6W	6W	6W	6W	
	RIPPLE & NOISE (max.)	Note.3	120mVp-p	120mVp-p	120mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	
	VOLTAGE ADJ. RANGE		3V~4.2V	4.2V~5V	5V~9V	9V~12V	12~15V	15~24V	3~24V	
			Fixed							
	VOLTAGE TOLERANCE Note.4		±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	
	LINE REGULATION	Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	LOAD REGULATION	Note.6	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	±5.0%	
	LED INDICATOR									
	SETUP, RISE, HOLD UP TIME		3000ms, 50ms, 16ms at full load							
INPUT	VOLTAGE RANGE		90 ~ 264VAC 135 ~ 370VDC							
	FREQUENCY RANGE		47 ~ 63Hz							
	EFFICIENCY (Typ.)	lote.7	65%	65%	72%	74%	76%	77%	65%	
	AC CURRENT		0.3A/100VAC							
	INRUSH CURRENT (Typ.)		50A/230VAC							
	LEAKAGE CURRENT (max.)		0.25mA / 240VAC							
PROTECTION	OVER LOAD		90 ~ 110% Constant current mode							
			Protection type : Hiccup mode, recovers automatically after fault condition is removed							
	OVER VOLTAGE		135 ~ 180% rated output voltage							
			Protection type : Clamp by PWM IC							
ENVIRONMENT	WORKING TEMP.		0 ~ + 40 ℃ (Refer to output load derating curve)							
	WORKING HUMIDITY		20% ~ 90% RH non-condensing							
	STORAGE TEMP., HUMIDITY		-20 ~ +85 °C , 10 ~ 95% RH							
	TEMP. COEFFICIENT		±0.03% /℃ (0 ~ 50℃)							
	VIBRATION		10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes							
SAFETY &	SAFETY STANDARDS		UL60950-1, CSA 22.2, EN60950-1 Approved							
	WITHSTAND VOLTAGE		I/P-O/P:3KVAC							
EMC	ISOLATION RESISTANCE		I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH							
(Note.8)	EMICONDUCTION& RIATION		Compliance to EN55022 class B, FCC PART 15 class B							
	HARMONIC CURRENT		Compliance to EN61000-3-2,3							
	EMS IMMUNITY		Compliance to EN61000-4-2,3,4,5,6,11, Light industry level, criteria A							
OTHERS	DIMENSION		74*29*41.4mm (L*W*H)							

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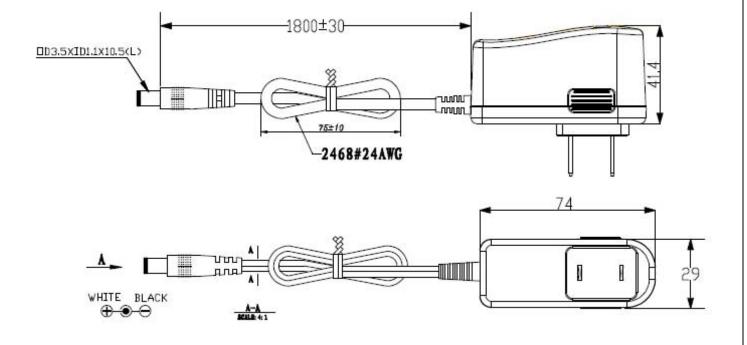


6 W AC-DC Wall-mounted type Adapter

HR05NS series

I I W						
	PACKING (Typ.)	78g;				
CONNECTOR	PLUG	Standard type : 1.1Φ* 3.5Φ* 10.5mm, tuning fork type center positive available; Other type available per customer request				
	CABLE	Standard type 24Awg UL2468; Other type available per customer request				
NOTE	1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 2.DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4.Tolerance: includes set up tolerance, line regulation, load regulation. 5.Line regulation is measured from low line to high line at rated load. 6.Load regulation is measured from 0% to 100% rated load 7.Efficiency is measured at 230VAC. 8.The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it stil meets EMC directives.					

■ Mechanical Specification



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