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FEATURES

- Universal input Voltage: 90 264VAC, 50/60Hz
- DoE Level VI efficiency
- Over voltage, Over current, Short circuit protection
- Fully enclosed plastic case
- 2 pole Europe plug
- Small wall-mounted type



ME018-HA series is a small wall-mounted type adapter. This series features universal input voltage, low power consumption, high efficiency, high reliability, and safer isolation, meets IEC/EN61000-4, CISPR22/EN55032 and EN60950. The entire series supplies different models with output voltages range between 5V and 24V that can satisfy the demands for the various types of consumer electronic devices, telecommunication devices, office and civil applications devices.

Electric S	pecifications						
Model		ME01805HA	ME01809HA	ME01812HA	ME01815HA	ME01818HA	ME01824HA
Output	DC Voltage	5V	9V	12V	15V	18V	24V
	Rated current	3.0A	2.0A	1.5A	1.2A	1.0A	0.75A
	Current range	0-3.0A	0-2.0A	0-1.5A	0-1.2A	0-1.0A	0-0.75A
	Rated power	15W	18W	18W	18W	18W	18W
	Voltage Accuracy	±5%	±5%	±5%	±5%	±5%	±5%
	Line Regulation	±1%	±1%	±1%	±1%	±1%	±1%
	Load Regulation	±5%	±5%	±5%	±5%	±5%	±5%
	Ripple & Noise*	120mVp-p max	120mVp-p max	120mVp-p max	150mVp-p max	180mVp-p max	240mVp-p max
	Start-up time	3s@100-240VAC, full load					
	Hold-up time	10ms@115VAC, full load, 20ms@230VAC, full load					
	Rise time	30ms max					
	Overshoot/Undershoot	±10%					
	Transient response Output voltage range ±5%, load 25%-50%, 50%-75%, slope:0.5A/us, frequency: 50Hz-10KH			(Hz			
	Input voltage 90-264VAC						
	Input frequency	47-63Hz					
la a ut	Efficiency(Typ.)	81.39%	85%	85%	85%	85%	85%
Input	Input current	0.5A Max@100VAC, full load					
	Inrush current	Cold start: 40A/115VAC, 80A/230VAC					
	No load power	<0.1W					
	Leakage current	0.25mA Max@240VAC					
Protections	Over voltage	Rated output voltage 110%-150%					
	Over current	Rated output current 110%-200%, self-recovery					
	Short circuit	Hiccup, Continuous, self-recovery					
Note	* Ripple and noise are measured by 20MHz bandwidth; at full load, 100-240VAC input, output terminated with a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.						

General Specifications

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18W AC/DC Adapter

ME018-HA Series



Item	Operating Conditions	Min.	Тур.	Max.	Unit
Isolation Voltage	Input-output, Test 1 minute, leakage current<5mA	3000	_		VAC
Insulation Resistance	Input-output, add 500Vdc test voltage	100			$M\Omega$
Operating Temperature		-10		40	
Storage Temperature		-25		70	°C
Operating Humidity				90	O/ DU
Storage Humidity				95	%RH
Altitude				2000	m
Lifetime	25°C	2			years
MTBF	MIL-HDBK-217F (25°C)	50000			hours

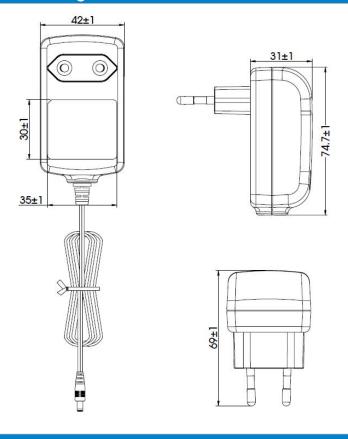
Physical Specifications			
Casing Material	PC,120°C 94V-0		
Color	Black/White(Other color can be designed by customization)		
Dimension	(L)74.70mm*(W)42.00mm*(H)31.00mm		
Weight	100g(Typ.)		
Cooling Method	Free air convection		

EMC Specifications				
EMI	RE	EN55032, CLASS B		
	CE	EN55032, CLASS B		
EMS	ESD(MAX)	IEC/EN61000-4-2 Contact ±8KV/Air ±15KV	perf. Criteria B	
	RS	IEC61000-4-3 3V/m	perf. Criteria A	
	CS	IEC61000-4-6 3Vrms	perf. Criteria A	
	Surge(MAX)	IEC/EN61000-4-5 ±6KV/ ±6KV	perf. Criteria B	
Note: standard ESD contact ±4KV/Air ±8KV, Surge ±1KV/ ±1KV.				

Safety Standards					
Application fields	Standard	Status	Note		
IT	EN60950	Approved			
AV	EN60065	Meet			
Home appliances	EN61558-2-16	Meet			
Lighting	EN61347	Meet			

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Mechanical Drawing

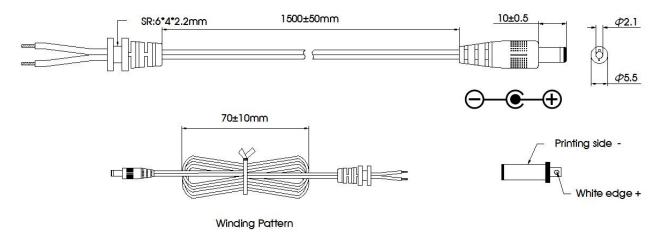


Remark:

No display tolerance: ±0.12

Unit: mm

DC Wire Drawing



NO.	ITEM	Q′ TY	DESCRIPTION
			5V UL2468 18AWG/2C 80°C/300V L=1500mm
01	CABLE	1PCS	9V UL2468 20AWG/2C 80°C/300V L=1500mm
OI CABLL	CABLL	11 03	12V/15V UL2468 22AWG/2C 80°C/300V L=1500mm
			18V/24V UL2468 24AWG/2C 80°C/300V L=1500mm
02	PLUG	1PCS	DC PLUG:5.5*2.1*10

Note:

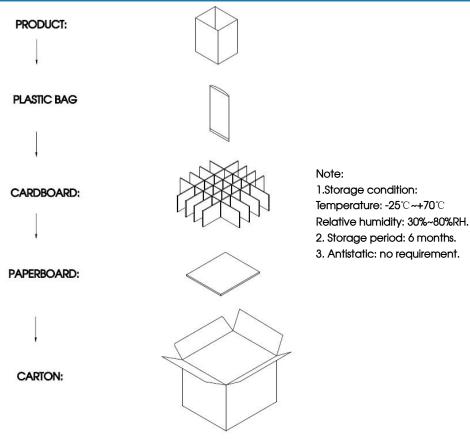
1.Compliance with RoHS

2.No display tolerance: ±0.12

3.Unit: mm



Package Drawing



Note:

- 1. Products are related to laws and regulations: see "Features", "EMC" and "Safety standards".
- 2. Our products shall be classified according to ISO14001 and related environmental laws and regulations, and shall be handled by qualified units.
- 3. If the product is not operated within the required load range, the product performance cannot be guaranteed to comply with all parameters in the datasheet:
- 4. Unless otherwise specified, parameters in this datasheet were measured under the conditions of Ta=25 °C, humidity<75% with nominal input voltage and rated output load;
- 5. All index testing methods in this datasheet are based on our Company's corporate standards;
- 6. We can provide product customization service; Please contact our technicians directly for specific information;

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