

EA 1018 series

18W Wall mounted type AC/DC adaptor



■ Features:

- Universal AC input / Full range
- ErP step II / CEC level V compliance
- Protections: Over current / Short circuit
- No load power consumption $P < 0.3W$



CONSTANT VOLTAGE   

ELECTRICAL SPECIFICATION

MODEL	EA 1018-2E 5V	EA 1018G 12V
OUTPUT		
Rated Voltage	5V	12V
Rated Current	3.0A	2.0A
Current Range	0 ÷ 3.0A	0 ÷ 2.0A
Rated Power	15W	18W
Line Regulation	± 1%	
Load Regulation	± 5%	
Tolerance [3]	± 5%	
Ripple & Noise (max.) [2]	100mV _{p.p}	150mV _{p.p}
Setup, Rise Time [4]	3000ms, 50ms / 230VAC at full load	
Hold up Time (typ.)	8.3ms / 230VAC at full load	
INPUT		
Voltage Range	100 ÷ 240VAC	
Frequency Range	47 ÷ 63Hz	
Efficiency (typ.)	73.4%	
AC Current (typ.)	1.0A / 115VAC, 0.75A / 230VAC	
Inrush Current (typ.)	30A / 115VAC, 60A / 230VAC	
Leakage Current (max.)	0.25mA / 240VAC	
PROTECTIONS		
Over Power	Type: auto-recovery.	
Short Circuit	Type: auto-recovery.	
WORKING ENVIRONMENT		
Working Temperature	0°C ÷ 40°C	
Working Humidity	20 ÷ 85% RH non-condensing	
Storage Temperature and Humidity	-20°C ÷ 60°C, 5 ÷ 95% RH non-condensing	

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SAFETY and EMC REGULATIONS

Safety Standards	Compliance to EN 60950-1
Withstand Voltage	IN/OUT: 4242kVDC
Isolation Resistance	IN/OUT: 50MΩ/500VDC/25°C/70%
EMC Emission	Compliance to EN55032
EMC Immunity	Compliance to EN61000-4-2, -3, -4, -5
Harmonic Current	Compliance to EN61000-3-3; EN61000-3-2

OTHERS

Dimensions	72 x 34 x 70mm (L x W x H)
Weight	152g

MECHANICAL SPECIFICATION

