



## 10W DIRECT PLUG IN ADS6813 Series Wall Plug Adapter



ROHS  
Green product



### Features

- Limited Power Source
- Class B EMI
- CEC Compliant Level V
- Energy Star Level V
- Class II Double Insulated
- No Load Power Consumption < 0.5 Watt
- High Efficiency

### Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

### Safety Approvals

- PSE
- cUL/UL

### Mechanical Characteristics

- Length: 66.5mm
- Width: 48.5mm
- Height: 29.0mm
- Weight: 115g(ref)

### Output Specifications

Model	DC Output Voltage(V)	Load	Ripple(1) P-P(max)	Regulation	
				Line	Load
ADS6813-J 050200	5.0	2.0A	50mV	±5%	
ADS6813-W 050200	5.0	2.0A	50mV	±5%	

## ADS6813W Series Characteristics

### AC Input Voltage Range

90 to 132VAC 50/60Hz

### Input Current

0.4A max

### Leakage Current

0.25mA max . @ all line conditions

### Inrush Current(cold)

<50A for 100VAC at max. load  
(Cold start @ ambient 25°C)

### Input Power Saving

0.5W max. for 120VAC at no load

### OUTPUT:

#### Efficiency

65% max. load (various in voltage)

#### Hold-up Time

10mS min. @ 120VAC and max. load

### Over Current Protection

Output equipped with short circuit protection  
- auto re-start

### Over Voltage Protection

By Zener Clamping

### Short Circuit Protection

Output can be shorted without damage,  
auto re-start

### ENVIRONMENTAL:

#### Temperature

Operation	0 to +40°C
Non-operation	-25 to +70°C

#### Humidity

Operation	20 to 90%
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### EMC

FCC PART 15 Class B  
CISPR 22/24 class B

### Dielectric Withstand(Hi-pot)Test

Primary to Secondary: 3000VAC

### DC Output Connector

According customer's requirement

## Dimension Diagram Unit:mm

