

UHDV Series

UNIFIVE
2020.07.01 V0

Home Electronics and Appliances Desktop AC/DC Adaptor

45W PA Series



▲ UHDAI3045



■ Please contact our sales department for safety standard of each model.



Product Highlights

- Stability
- Energy Efficiency
- Electric Cooker, Fan ,
Air Conditioning ,Air Purifier
- Peak Load 1 Sec Function
- The Peak Load Is Twice High
Max of Rating Current
- Support Motor & Pump
- LED Display (Optional)

Efficiency

- Meet :
COMMISSION REGULATION (EU)
2019/1782 (ERP 6)& DOE 6

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection
(Optional)

Emissions

- VCCI Class B
- CE CISPR 14

Safety Approvals

- PSE
- IEC/EN61558

Immunity

- EN55014

Input					
Description	Min	Typ	Max	Units	Comment
Voltage	90	100~240	264	Vac	
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min	Typ	Max	Units	Comment
Operating Temperature	0	-	40	°C	Free Convection,Sea level
Storage Temperature	-20	-	65	°C	Free Convection,Sea level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

Typical model list

Input Condition		DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noises	Regulation		DC Output Peak Current	Time (sec)	Average active efficiency	Efficiency at low load (10%)	No-load power consumption	Option/Remark
							Line	Load						
Input Voltage: 90V-264Vac Frequency: 47-63Hz	1	12.0V	4.0A	±5%	240mV	240mV	2%	10%	7.2A	1sec	87.77%	-	0.1W	
	2	15.0V	3.2A	±5%	240mV	240mV	2%	10%	6.0A	1sec	87.77%	-	0.1W	
	3	19.0V	2.5A	±5%	240mV	240mV	2%	10%	4.5A	1sec	87.77%	-	0.1W	
	4	24.0V	2.0A	±5%	240mV	240mV	2%	10%	3.8A	1sec	87.77%	-	0.1W	
	5	-	-	-	-	-	-	-	-	-	-	-	-	
	6	-	-	-	-	-	-	-	-	-	-	-	-	
	7	-	-	-	-	-	-	-	-	-	-	-	-	
	8	-	-	-	-	-	-	-	-	-	-	-	-	

■ Measurement condition

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec

UHDVI Series	UHDVI/LED Series

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