

# ORION-A1501P

150W Flex form factor power supply with active PFC



## SPECIFICATION

Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63 Hz
Input Current	7.5A@115V, 3.5A@230V
Efficiency	> 71%
Holdup Time	16 ms at full load
Over Voltage Protection	+5V: 5.7 ~ 6.5V; +3.3V: 3.7 ~ 4.5V; +12V: 13.3V ~ 15.6V
Over Power/Load Protection	Output power over 110% ~ 150%
MTBF	>160,000 hrs
EMI & Safety Approval	TUV, UL / cUL
Temperature/Humidity	Operating: 0 ~ 40°C, 20 ~ 90%RH Storage: -20 ~ 60°C, 5 ~ 95%RH
Dimension (WxDxH)	81.5 x 150 x 40.5 mm; 3.2" x 5.9" x 1.6"

## FEATURES

- Flex form factor power supply
- Full-range input with active PFC
- Max. 5V output is 13A
- Low noise

## ORDERING GUIDE

- **ORION-A1501P**  
150W PSU. Active PFC. Low Noise

## DC OUTPUT

	+5V	+3.3V	+12V	-12V	+5Vsb
Max. Load	13A	10A	10A	0.5A	2A
Min. Load	0.3A	0.3A	1A	0A	0A
Load Reg.	±5%	±5%	±5%	±10%	±5%
Line Reg.	±1%	±1%	±1%	±1%	±1%
Ripple	50mv	50mv	120mv	120mv	50mv
Noise	50mv	50mv	120mv	120mv	50mv

# ORION-A1801P

180W Flex form factor power supply with active PFC



## SPECIFICATION

Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63 Hz
Input Current	6A@115V, 3A@230V
Efficiency	> 75%
Holdup Time	16 ms at full load
Over Voltage Protection	+5V: 5.7 ~ 6.5V; +3.3V: 3.9 ~ 4.3V; +12V: 13.6 ~ 15V
Over Power/Load Protection	Output power over 110% ~ 150%
MTBF	>130,000 hrs
EMI & Safety Approval	UL, TUV, BSMI, NEMCO, CCC, CE
Temperature/Humidity	Operating: 0 ~ 40°C, 20 ~ 90%RH Storage: -20 ~ 60°C, 5 ~ 95%RH
Dimension (WxDxH)	81.5 x 150 x 40.5 mm; 3.2" x 5.9" x 1.6"

## FEATURES

- Flex form factor power supply
- Full-range input with active PFC
- Max. +5V output is 16A
- Low noise

## ORDERING GUIDE

- **ORION-A1801P**  
180W PSU. Active PFC. Low Noise

## DC OUTPUT

	+5V	+3.3V	+12V	-12V	+5Vsb
Max. Load	16A	14A	14A	0.5A	2A
Min. Load	0.3A	0.3A	1.5A	0A	0A
Load Reg.	±5%	±5%	±5%	±10%	±5%
Line Reg.	±1%	±1%	±1%	±1%	±1%
Ripple	50mv	50mv	120mv	120mv	50mv
Noise	50mv	50mv	120mv	120mv	50mv