

Overview

- Single output : 50W
- Input Voltage range : 110/220VAC $\pm 20\%$ selectable by switch
- Size : 188×130×58mm



General Specification

Specification	Model			
	BFY-50W	BFY-50W	BFY-50W	BFY-50W
DC output	5V 10A	12V 4.2 A	15V 3.4A	24V 2.1A
Wave and noise	50mVP-P	50mVP-P	50mVP-P	75mVP-P
Inlet stability	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$
Load stability	$\pm 1\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$
Efficiency	71%	78%	78%	82%
Adjustable range for DC voltage	$\pm 10\%$	$\pm 10\%$	$\pm 10\%$	$\pm 10\%$
AC input voltage range	85~132VAC/170~264VAC Selected by switch 47~63Hz, 240~370VDC			
AC Inrush current	Cold-start current 18A/115V 36A/230V			
OverLoad protection	105%~150% hiccup mode, auto-recovery			
Over-voltage protection				
Setup, rise, hold up time	200ms, 100ms, 20ms			
Withstand voltage	I/P-O/P : 1.5KvAC I/P-FG:1.5KvAC O/P-FG:0.5KvAC 1minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG:500VDC/100M Ω			
Working temperature	-10°C~+50°C			
Safety standards	Design refer to GB4943, UL60950, EN60950			
EMC standards	Design refer to GB9254, EN55022 class A			
Weight	0.5kg			

Overview

- Single output : 60W
- Input Voltage range : 110/220VAC $\pm 20\%$ selectable by switch
- Size : 188×130×58mm



General Specification

Specification	Model			
	BFY-60W-12	BFY-60W-12	BFY-60W-12	BFY-60W-12
DC output	5V 12A	12V 5A	15V 4A	24V 2.5A
Wave and noise	75mVP-P	50mVP-P	50mVP-P	50mVP-P
Inlet stability	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$
Load stability	$\pm 1\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$
Efficiency	72%	78%	79%	82%
Adjustable range for DC voltage	$\pm 10\%$	$\pm 10\%$	$\pm 10\%$	$\pm 10\%$
AC input voltage range	85~132VAC/170~264 Selected by switch 47~63Hz, 120~370VDC			
AC Inrush current	Cold-start current 15A/115V 30A/230V			
OverLoad protection	105%~150% hiccup mode auto-recovery			
Over-voltage protection				
Setup, rise, hold up time	200ms, 100ms, 20ms			
Withstand voltage	I/P-O/P : 1.5KvAC I/P-FG:1.5KvAC O/P-FG:0.5Kv AC 1minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG:500VDC/100M Ω			
Working temperature	-10°C~+50°C			
Safety standards	Design refer to GB4943, UL60950, EN60950			
EMC standards	Design refer to GB9254, EN55022 Class A			
Weight	0.55kg			

Overview

- Single output : 100W
- Input Voltage range : 110/220VAC±20% selectable by switch
- Size : 230×130×58mm



General Specitication

Specification	Model			
	BFY-100W-12	BFY-100W-12	BFY-100W-12	BFY-100W-12
DC output	5V 20A	12V 8.5 A	24V 4.5A	48V 2A
Wave and noise	75mVP-P	50mVP-P	50mVP-P	50mVP-P
Inlet stability	±0.5%	±0.3%	±0.2%	±0.2%
Load stability	±0.5%	±0.3%	±0.2%	±0.2%
Efficiency	78%	81%	84%	84%
Adjustable range for DC voltage	±10%	±10%	±10%	±10%
AC input voltage range	85~132VAC/170~264VAC Selected by switch 47~63Hz, 240~370VDC			
AC Inrush current	Cold-start current 30A/115V 60A/230V			
OverLoad protection	105%~150% hiccup auto-shut off AC recycle to restart			
Over-voltage protection				
Setup,rise,hold up time	200ms, 50ms,20ms			
Withstand voltage	I/P-O/P : 1.5KvAC I/P-FG:1.5KvAC O/P-FG:0.5Kv AC 1minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG:500VDC/100MΩ			
Working temperature	-10℃~+50℃			
Safety standards	Design refer to GB4943,UL60950,EN60950			
EMC standards	Design refer to GB9254,EN55022 classA			
Weight	0.65kg			

Overview

- Single output : 120W
- Input Voltage range : 110/220VAC±20% selectable by switch
- Size : 230×130×58mm



General Specification

Specification	Model			
	BFY-120W-12	BFY-120W-12	BFY-120W-12	BFY-120W-12
DC output	12V 10A	15V 8A	24V 5A	48V 2.5A
Wave and noise	50mVP-P	50mVP-P	50mVP-P	50mVP-P
Inlet stability	±0.3%	±0.3%	±0.2%	±0.2%
Load stability	±0.3%	±0.3%	±0.2%	±0.2%
Efficiency	81%	82%	84%	84%
Adjustable range for DC voltage	±10%	±10%	±10%	±10%
AC input voltage range	85~132VAC/170~264VAC Selected by switch 47~63Hz, 240~370VDC			
AC Inrush current	Cold-start current 30A/115V 50A/230V			
OverLoad protection	105%~150% hiccup mode,auto-recovery			
Over-voltage protection	115%~1350%			
Setup,rise,hold up time	200ms, 50ms,20ms			
Withstand voltage	I/P-O/P : 1.5KvAC I/P-FG:1.5KvAC O/P-FG:0.5Kv AC 1minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG:500VDC/100MΩ			
Working temperature	-10℃~+50℃			
Safety standards	Design refer to GB4943,UL60950,EN60950			
EMC standards	Design refer to GB9254,EN55022 classB			
Weight	0.63kg			

Overview

- Single output : 150W
- Input Voltage range : 110/220VAC $\pm$ 20% selectable by switch
- Size : 230 $\times$ 130 $\times$ 58mm



General Specification

Specification	Model			
	BFY-150W-12	BFY-150W-12	BFY-150W-12	BFY-150W-12
DC output	5V 30A	12V 12.5 A	15V 10A	24V 6.5A
Wave and noise	75mVP-P	50mVP-P	50mVP-P	50mVP-P
Inlet stability	$\pm$ 0.5%	$\pm$ 0.3%	$\pm$ 0.3%	$\pm$ 0.2%
Load stability	$\pm$ 0.5%	$\pm$ 0.3%	$\pm$ 0.3%	$\pm$ 0.2%
Efficiency	78%	82%	84%	85%
Adjustable range for DC voltage	$\pm$ 10%	$\pm$ 10%	$\pm$ 10%	$\pm$ 10%
AC input voltage range	85 $\sim$ 132VAC/170 $\sim$ 264VAC Selected by switch 47 $\sim$ 63Hz 240 $\sim$ 370VDC			
AC Inrush current	Cold-start current 35A/230V			
OverLoad protection	105% $\sim$ 150% shut off AC recycle to restart			
Over-voltage protection	115% $\sim$ 135% rated output voltage			
Setup, rise, hold up time	100ms, 50ms, 20ms			
Withstand voltage	I/P-O/P : 1.3KvAC I/P-FG: 1.5KvAC O/P-FG: 0.5Kv AC 1minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG: 500VDC/100M Ω			
Working temperature	-10 $^{\circ}$ C $\sim$ +50 $^{\circ}$ C			
Safety standards	Design refer to GB4943, UL60950, EN60950			
EMC standards	Design refer to GB9254, EN55022 class B			
Weight	0.8kg			

Overview

- Single output : 200W
- Input Voltage range : 110/220VAC±20% selectable by switch
- Size : 260×145×70mm



General Specification

Specification	Model			
	BFY-200W-12	BFY-200W-12	BFY-200W-12	BFY-200W-12
DC output	5V 40A	12V 16.5 A	24V 8.3A	48V 4.2A
Wave and noise	100mVP-P	75mVP-P	75mVP-P	75mVP-P
Inlet stability	±0.5%	±0.5%	±0.5%	±0.5%
Load stability	±1%	±0.5%	±0.5%	±0.5%
Efficiency	79%	82%	83%	86%
Adjustable range for DC voltage	±10%	±10%	±10%	±10%
AC input voltage range	85~132VAC/170~264VAC Selected by switch 47~63Hz, 240~370VDC			
AC Inrush current	Cold-start current 15A/115V 30A/230V			
OverLoad protection	105%~201% hiccup mode:auto-recovery			
Over-voltage protection				
Setup, rise, hold up time	200ms, 50ms, 20ms			
Withstand voltage	I/P-O/P : 1.5KvAC I/P-FG:1.5KvAC O/P-FG:0.5Kv AC 1minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG:500VDC/100MΩ			
Working temperature	-10℃~+50℃			
Safety standards	Design refer to GB4943, UL60950, EN60950			
EMC standards	Design refer to GB9254, EN55022 class B			
Weight	0.9kg			

Overview

- Single output : 240W
- Input Voltage range : 110/220VAC±20% selectble by switch
- Size : 260×145×70mm



General Specitication

Specification	Model			
	BFY-240W-12	BFY-240W-12	BFY-240W-12	BFY-240W-12
DC output	12V 20A	15V 16A	24V 10A	48V 5A
Wave and noise	100mVP-P	100mVP-P	100mVP-P	120mVP-P
Inlet stability	±0.5%	±0.3%	±0.3%	±0.2%
Load stability	±0.5%	±0.3%	±0.3%	±0.2%
Efficiency	82%	82%	83%	86%
Adjustable range for DC voltage	±10%	±10%	±10%	±10%
AC input voltage range	85~132VAC/170~264VAC Selected by switch 47~63Hz, 240~370VDC			
AC Inrush current	Cold-start current 15A/115V 30A/230V			
OverLoad protection	105%~135% hiccup mode ,auto-recovery			
Over-voltage protection				
Setup, rise, hold up time	200ms, 50ms, 20ms			
Withstand voltage	I/P-O/P : 1.5KvAC I/P-FG:1.5KvAC O/P-FG:0.5KvAC 1 minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG:500VDC/100MΩ			
Working temperature	-10°C ~+50°C			
Safety standards	Design refer to GB4943, UL60950, EN60950			
EMC standards	Design refer to GB9254, EN55022 classB			
Weight	0.9kg			

Overview

- Single output : 350W
- Input Voltage range : 110/220VAC±20% selectble by switch
- Size : 260×145×70mm



General Specitication

Specification	Model			
	BFY-350W-12	BFY-350W-12	BFY-350W-12	BFY-350W-12
DC output	5V 50A	12V 29A	24V 14.6A	48V 7.3A
Wave and noise	100mVP-P	75mVP-P	75mVP-P	75mVP-P
Inlet stability	±0.5%	±0.5%	±0.5%	±0.5%
Load stability	±1%	±0.5%	±0.5%	±0.5%
Efficiency	73%	74%	81%	83%
Adjustable range for DC voltage	±10%	±10%	±10%	±10%
AC input voltage range	85~132VAC/170~264VAC Selected by switch 47~63Hz, 240~370VDC			
AC Inrush current	Cold-start current 25A/115V 50A/230V			
OverLoad protection	105%~135% hiccup mode ,auto-recovery			
Over-voltage protection	115%~150% rated output voltage			
Setup, rise, hold up time	200ms, 50ms, 20ms			
Withstand voltage	I/P-O/P : 1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1 minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG:500VDC/100MΩ			
Working temperature	-10℃~+50℃			
Safety standards	Design refer to GB4943, UL60950, EN60950			
EMC standards	Design refer to GB9254, EN55022 classB			
Weight	1.05kg			