● : Mus (€CB(P)

Input voltage

Operating amb. temp

Over load protection

Over voltage protection

Start up/Hold up time

Dimension (L*W*H)

Model No

PS-100-12

PS-100-24

PS-100-48

Withstand Voltage

Safety standards

EMC

Frequency



► Features:

High AC input 176~264Vac

 100% full load burn-in test 3"*5" compact size

90Vac~264Vac,127Vdc~370Vdc

-20°C~70°C (refer to derating curve)

120%~150% of rated output voltage

IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5

EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B

Output Voltage/Current Accuracy Ripple and Noise Efficienc

+1.0%

 $\pm 1.0\%$

Ton<1.2S Td≥17mS@230Vac

105%~150% of rated current

47Hz~63Hz

KVdc 1min

U160950, EN60950

127*76*30.5mm

8 5 A

4.5A

2.24

150W Single Output

12V

24V

48V

Output protections: OLP/OVP/SCP

· High power density, High effiency and reliability

· All using 105°C long life electrolytic capacitors.

Wide operating ambient temperature (-20°C~70°C)

100W Single Output

20W Single Output

CECB

Input voltage

Operating amb. temp

Over load protection

Start up/Hold up time

Dimension (L*W*H)

Model No

PD-20-3.3

PD-20-5

PD-20-12

PD-20-15

PD-20-24

PD-20-48

Input voltage

Operating amb. temp

Over load protection

Over voltage protection

Start up/Hold up time

Dimension (L*W*H)

Model No.

PS-45-S12

PS-45-S24

PS-45-S48

Withstand Voltage

Safety standards

EMC

Frequency

Withstand Voltage

Safety standards

EMC

Over voltage protection

Frequency

► Features:

- · Universal AC input/Full range
- · High Efficiency, and High reliability
- · Ultra-miniature size, low profile · Output protections: OLP/OVP/SCP
- Wide operating ambient temperature (-25℃-70℃)
- · All using 105°C long life electrolytic capacitors
- 100% full load burn-in test

85Vac~264Vac,120Vdc~370Vdc

-25°C~70°C (refer to derating curve)

110%~140% of rated output voltage

IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5

EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B

Output Voltage/Current Accuracy Ripple and Noise Efficienc

+ 2.0%

± 2.0%

± 2.0%

± 2.0%

 $\pm \, 2.0\%$

± 2.0% ≤ 50mV

≤50mV

≤ 50mV

69%

76%

79%

80%

105%~150% of rated current

Ton<2S Td≥10mS@230Vac

47Hz~63Hz

KVdc 1min

89*51*20mm

4A

4A

1.674

0.84A

0.42A

90Vac~264Vac

-10°C~60°C (refer to derating curve)

110%~140% of rated output voltage

IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5

EN55022, EN55024, FCC PART 15 Class B

±2.0% ≤120mV

±2.0% ≤120mV

±2.0% ≤120mV

85%

Output Voltage/Current Accuracy Ripple and Noise Efficienc

Ton<0.8S Td≥60mS@230Vac

105%~150% of rated current

47Hz~63Hz

KVdc ,1min

12V

24V

U160950, EN60950

101.6*51*28mm

3.7A

1 9 A

1.0A

EN61000-4-2.3.4.5.6.8.11;

3.3V

5V

12V

24V

U160950, EN60950

35W Single Output



► Features:

- · High Efficiency, low power consumption
- Wide operating ambient temperature (-20°C~65°C)
- 100% full load burn-in test

Input voltage	90Vac~264Vac
Frequency	47Hz~63Hz
Operating amb. temp	-20°C~65°C (refer to derating curve)
Over load protection	105%~150% of rated current
Over voltage protection	110%~140% of rated output voltage
Start up/Hold up time	Ton<2S Td≥10mS@230Vac
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5 KVdc, 1min
Safety standards	U160950, EN60950
ЕМС	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class E
Dimension (L*W*H)	101.6*50.8*24mm

Model No.	Output Voltage/Current		Accuracy	Ripple and Noise	Efficiency
PS-35-5	5V	6A	$\pm2.0\%$	≤80mV	73%
PS-35-12	12V	3 A	$\pm2.0\%$	≤120mV	81%
PS-35-24	24V	1.5A	$\pm2.0\%$	≤120mV	83%
PS-35-48	48V	0.75A	$\pm2.0\%$	≤120mV	86%



• Universal AC input/ Full range (90~264Vac)

- Output protections: SCP/OVP/ OLP/OPP
- . All using 105°C long life electrolytic capacitors.

Input voltage	90Vac~264Vac
Frequency	47Hz~63Hz
Operating amb. temp	-20°C~65°C (refer to derating curve)
Over load protection	105%~150% of rated current
Over voltage protection	110%~140% of rated output voltage
Start up/Hold up time	Ton<2S Td≥10mS@230Vac
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5 KVdc, 1min
Safety standards	U160950, EN60950
ЕМС	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	101.6*50.8*24mm

Model No.	Output Voltage/Current		Accuracy	Ripple and Noise	Efficiency
PS-35-5	5 V	6A	$\pm2.0\%$	≤80mV	73%
PS-35-12	12V	3 A	$\pm2.0\%$	≤120mV	81%
PS-35-24	24V	1.5A	$\pm2.0\%$	≤120mV	83%
PS-35-48	48V	0.75A	$\pm2.0\%$	≤120mV	86%

45W Single Output



▶ Features:

- Universal AC input/ Full range (90~264Vac)
- · High Efficiency, long life and high reliability Output protections: SCP/OVP/OLP/OPP
- Wide operating ambient temperature (-10℃-60℃)
- · All using 105°C long life electrolytic capacitors
- 100% full load burn-in test

60W Single Output



Features:

- Universal AC input/ Full range (90~264Vac)
- · High Efficiency, high reliability and long life
- . Output protections: SCP/OVP/ OLP/OPP
- Wide operating ambient temperature (-10°C~65°C) When 176~264Vac input, free air convection, it is 60W: when 90~175Vac input, 10.5CFM, 60W
- When 90~175Vac, free air convection, 45W
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test

Input voltage	90Vac~264Vac				
Frequency	47Hz~63Hz				
Operating amb. temp	-10°C~65°C (refer to derating curve)				
Over load protection	105%~180% of rated current				
Over voltage protection	105%~150% of rated output voltage				
Start up/Hold up time	Ton<1S Td≥50mS@230Vac				
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5 KVdc ,1min				
Safety standards	U160950, EN60950				
EMC	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B				
Dimension (L*W*H)	101.6*51*29mm				

Model No.	Output Voltage/Current		Accuracy	Ripple and Noise	Efficiency
PS-60-C12	12V	5.0A	± 2.0%	≤120mV	83%
PS-60-C15	15V	4.0A	$\pm2.0\%$	≤150mV	84%
PS-60-C24	24V	2.5A	$\pm 2.0\%$	≤240mV	85%
PS-60-C48	48V	1.25A	$\pm2.0\%$	≤300mV	86%

60W Single Output

CECB

► Features:

- All using 105℃ long life electrolytic capacitors.
- · 100% full load burn-in test

Universal AC input 90~264Vac



- . Output protections: SCP/OVP/OLP/OPP
- Wide operating ambient temperature (-25°C~70°C)

Input voltage	90Vac~264Vac
Frequency	47Hz~63Hz
Operating amb. temp	-25°C~70°C (refer to derating curve)
Over load protection	105%~180% of rated current
Over voltage protection	105%~150% of rated output voltage
Start up/Hold up time	Ton<1S Td≥20mS@230Vac
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5 KVdc ,1min
Safety standards	U160950, EN60950
EMC	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	101.6*50.8*30mm

Model No.	Output Volt	age/Current	Accuracy	Ripple and Noise	Efficiency
PS-60-5	5V	8.0A	$\pm2.0\%$	≤50mV	81%
PS-60-12	12V	4.5A	$\pm2.0\%$	≤120mV	84%
PS-60-15	15V	3.6A	$\pm2.0\%$	≤150mV	86%
PS-60-24	24V	2.5A	$\pm2.0\%$	≤240mV	86%
PS-60-48	48V	1.25A	$\pm2.0\%$	≤240mV	87%

125W Single Output

127*76*30.5mm

204

8.4A

5.2A

3 5 A

Output Voltage/Current

5 V

12V

15V

24V

36V

48V

+ 2.0%

± 2.0%

± 2.0% + 2.0% ≤100mV

≤100mV

≤120mV

≤150mV

87%

88%

18



Input voltage

Operating amb. temp

Over load protection

Over voltage protection

Start up/Hold up time

Dimension (L*W*H)

Model No.

PSF-125-5

PSF-125-12

PSF-125-15

PSF-125-24

PSF-125-36

PSF-125-48

Withstand Voltage

Safety standards

EMC

Frequency



Features:

- Universal AC input/ Full range
- · High power density, High effiency and reliability
- Output protections: OLP/OVP/SCP
- Wide operating ambient temperature (-20°C ~70°C)
- · Build-in remote sense function
- . All using 105 °C long life electrolytic capacitors
- · 100% full load burn-in test

□ :9\(\mathbb{U}\) ((CB \(\mathbb{P}\))

Features: • Universal AC input/ Full range · Built-in Active PFC function

- Withstand 300Vac surge input for 5 sec.
- High efficiency up to 90%(typ)

≤120mV

≤120mV

±1.0% ≤240mV

84%

85%

86%

- . Output protections: OLP/OVP/SCP/OPP
- Wide operating ambient temperature (-20°C~70°C)
- All using 105°C long life electrolytic capacitors. Free air convection for 150W and 200W with 20.5CFM forced air
- 100% full load burn-in test
- 5"*3" compact size

90Vac~264Vac,127Vdc~370Vdc	Input voltage	90Vac~264Vac,127Vdc~370Vdc
47Hz~63Hz	Frequency	47Hz~63Hz
-20°C~70°C (refer to derating curve)	Operating amb. temp	-30°C~70°C (refer to derating curve)
105%~150% of rated current	Over load protection	105%~200% of rated current
120%~150% of rated output voltage	Over voltage protection	105%~200% of rated output voltage
Ton<1.2S Td≥17mS@230Vac	Start up/Hold up time	Ton<3S Td≥6mS@230Vac
IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5 KVdc ,1min	Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5 KVdc ,1min
U160950, EN60950	Safety standards	U160950, EN60950
EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B	EMC	EN61000-4-2,4,5,11; EN55022, EN55024, FCC PART 15 Class B
127*76*30 5mm	Dimension (L*W*H)	101.6*50.8*24mm

Model No.	Output Volt	age/Current	Accuracy	Ripple and Noise	Efficiency
PSF-150-12	12V	12.5A	$\pm 2.0\%$	≤300mV	91%
PSF-150-24	24V	6.25A	$\pm 1.0\%$	≤480mV	91%
PSF-150-48	48V	3.125A	$\pm 1.0\%$	≤720mV	91%



200W Single Output



- Features:
 Universal AC input/ Full range
- Built-in Active PFC function
- Withstand 300Vac surge input for 5 sec.
- High efficiency up to 90%(typ)
- Output protections: OLP/OVP/SCP/OPP
- Wide operating ambient temperature (-20°C~70°C)
 All using 105°C long life electrolytic capacitors.
 Free air convection for 150W and 200W with 20.5CFM forced air
- 100% full load burn-in test
- 5"#3" compact size

90Vac~264Vac,127Vdc~370Vdc
47Hz~63Hz
-20°C~70°C (refer to derating curve)
105%~150% of rated current
120%~150% of rated output voltage
Ton<1.2S Td≥17mS@230Vac
IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5 KVdc ,1min
U160950, EN60950
EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
128*76.5*34.6mm

Model No.	Output Voltage/Current		Accuracy	Ripple and Noise	Efficiency
PSF-200-12	12V	16.7A	$\pm 1.0\%$	≤100mV	88.5%
PSF-200-24	24V	8.4A	$\pm 1.0\%$	≤150mV	89%
PSF-200-48	48V	4.2A	±1.0%	≤250mV	90%