

20W Single Output



- 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°C~70°C)
 - All using 105°C long life electrolytic capacitors.
 - 100% full load burn-in test

Input voltage	85Vac~264Vac, 120Vdc~370Vdc			
Frequency	47Hz~63Hz			
Operating amb. temp	-25°C~70°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 0.5KVdc, 1min			
Safety standards	UI60950, EN60950			
EMC	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55022, EN55024, FCC PART 15 Class B			
Dimension (L*W*H)	89*51*20mm			

Model No.	Output Voltage/Current	Accuracy	Ripple and Noise	Efficiency
PD-20-3.3	3.3V 4A	±2.0%	≤50mV	69%
PD-20-5	5V 4A	±2.0%	≤50mV	76%
PD-20-12	12V 1.67A	±2.0%	≤50mV	79%
PD-20-15	15V 1.34A	±2.0%	≤50mV	80%
PD-20-24	24V 0.84A	±2.0%	≤50mV	80%
PD-20-48	48V 0.42A	±2.0%	≤100mV	80%

35W Single Output



- Features:**
- Universal AC input/ Full range (90~264Vac)
 - High Efficiency, low power consumption
 - Output protections: SCP/OVP/ OLP/OPP
 - Wide operating ambient temperature (-20°C~65°C)
 - All using 105°C long life electrolytic capacitors.
 - 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 0.5KVdc, 1min			
Safety standards	UI60950, 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*24mm			

Model No.	Output Voltage/Current	Accuracy	Ripple and Noise	Efficiency
PS-35-5	5V 6A	±2.0%	≤80mV	73%
PS-35-12	12V 3A	±2.0%	≤120mV	81%
PS-35-24	24V 1.5A	±2.0%	≤120mV	83%
PS-35-48	48V 0.75A	±2.0%	≤120mV	86%

60W Single Output



- Features:**
- Universal AC input 90~264Vac
 - High reliability and low power consumption
 - Output protections: SCP/OVP/ OLP/OPP
 - Wide operating ambient temperature (-25°C~70°C)
 - All using 105°C long life electrolytic capacitors.
 - 100% full load burn-in test

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 0.5KVdc, 1min			
Safety standards	UI60950, 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 Voltage/Current	Accuracy	Ripple and Noise	Efficiency
PS-60-5	5V 8.0A	±2.0%	≤50mV	81%
PS-60-12	12V 4.5A	±2.0%	≤120mV	84%
PS-60-15	15V 3.6A	±2.0%	≤150mV	86%
PS-60-24	24V 2.5A	±2.0%	≤240mV	86%
PS-60-48	48V 1.25A	±2.0%	≤240mV	87%

100W Single Output



- Features:**
- High AC input 176~264Vac
 - High power density, High efficiency and reliability
 - Output protections: OLP/OVP/SCP
 - Wide operating ambient temperature (-20°C~70°C)
 - All using 105°C long life electrolytic capacitors.
 - 100% full load burn-in test
 - 3"×5" compact size

Input voltage	90Vac~264Vac, 127Vdc~370Vdc			
Frequency	47Hz~63Hz			
Operating amb. temp	-20°C~70°C (refer to derating curve)			
Over load protection	105%~150% of rated current			
Over voltage protection	120%~150% of rated output voltage			
Start up/Hold up time	Ton<1.2S Td≥17mS @ 230Vac			
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5KVdc, 1min			
Safety standards	UI60950, EN60950			
EMC	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55022, EN55024, FCC PART 15 Class B			
Dimension (L*W*H)	127*76*30.5mm			

Model No.	Output Voltage/Current	Accuracy	Ripple and Noise	Efficiency
PS-100-12	12V 8.5A	±1.0%	≤120mV	84%
PS-100-24	24V 4.5A	±1.0%	≤120mV	85%
PS-100-48	48V 2.2A	±1.0%	≤240mV	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°C~60°C)
 - 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~60°C (refer to derating curve)			
Over load protection	105%~180% of rated current			
Over voltage protection	110%~140% of rated output voltage			
Start up/Hold up time	Ton<0.8S Td≥60mS @ 230Vac			
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5KVdc, 1min			
Safety standards	UI60950, 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*28mm			

Model No.	Output Voltage/Current	Accuracy	Ripple and Noise	Efficiency
PS-45-S12	12V 3.7A	±2.0%	≤120mV	82%
PS-45-S24	24V 1.9A	±2.0%	≤120mV	85%
PS-45-S48	48V 1.0A	±2.0%	≤120mV	86%

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
 - 2*4 size

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 0.5KVdc, 1min			
Safety standards	UI60950, 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	±2.0%	≤150mV	84%
PS-60-C24	24V 2.5A	±2.0%	≤240mV	85%
PS-60-C48	48V 1.25A	±2.0%	≤300mV	86%

125W Single Output



- Features:**
- Universal AC input/ Full range
 - High power density, High efficiency 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

Input voltage	90Vac~264Vac, 127Vdc~370Vdc			
Frequency	47Hz~63Hz			
Operating amb. temp	-20°C~70°C (refer to derating curve)			
Over load protection	105%~150% of rated current			
Over voltage protection	120%~150% of rated output voltage			
Start up/Hold up time	Ton<1.2S Td≥17mS @ 230Vac			
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5KVdc, 1min			
Safety standards	UI60950, EN60950			
EMC	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55022, EN55024, FCC PART 15 Class B			
Dimension (L*W*H)	127*76*30.5mm			

Model No.	Output Voltage/Current	Accuracy	Ripple and Noise	Efficiency
PSF-125-5	5V 20A	±2.0%	≤100mV	84%
PSF-125-12	12V 10.5A	±2.0%	≤100mV	87%
PSF-125-15	15V 8.4A	±2.0%	≤100mV	87%
PSF-125-24	24V 5.2A	±2.0%	≤100mV	87%
PSF-125-36	36V 3.5A	±2.0%	≤120mV	88%
PSF-125-48	48V 2.6A	±2.0%	≤150mV	88%

150W 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

Input voltage	90Vac~264Vac, 127Vdc~370Vdc			
Frequency	47Hz~63Hz			
Operating amb. temp	-30°C~70°C (refer to derating curve)			
Over load protection	105%~200% of rated current			
Over voltage protection	105%~200% of rated output voltage			
Start up/Hold up time	Ton<3S Td≥6mS @ 230Vac			
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5KVdc, 1min			
Safety standards	UI60950, 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*24mm			

Model No.	Output Voltage/Current	Accuracy	Ripple and Noise	Efficiency
PSF-150-12	12V 12.5A	±2.0%	≤300mV	91%
PSF-150-24	24V 6.25A	±1.0%	≤480mV	91%
PSF-150-48	48V 3.125A	±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℃~70℃)
- All using 105℃ 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

Input voltage	90Vac~264Vac, 127Vdc~370Vdc
Frequency	47Hz~63Hz
Operating amb. temp	-20℃~70℃(refer to derating curve)
Over load protection	105%~150% of rated current
Over voltage protection	120%~150% of rated output voltage
Start up/Hold up time	Ton<1.2S Td≥17mS @ 230Vac
Withstand Voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5KVdc .1min
Safety standards	UI60950, EN60950
EMC	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	128*76.5*34.6mm

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