

### 15W Single Output

# □ \$\mathbb{9}\mathbb{1}\text{us} C€CB

# Features: • No Load power consumption<0.5W

- Universal AC input range
- High efficiency, long life and high reliability
- Withstand 300VA surge input for 5 sec.
   Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25 °C~70 °C)
- All using 105 °C long life electrolytic capacitors.
- 100% full load burn-in test
- PCB soldering side with conformal coating
- Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc
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	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
ЕМС	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	93*51*28mm

Model No.	Output Voltage/Current		Accuracy	Ripple and Noise	Efficiency
PD-15-3.3	3.3V	4.0A	$\pm 1.0\%$	≤50mV	71%
PD-15-5	5V	3.0A	$\pm 1.0\%$	$\leq 50 \text{mV}$	78%
PD-15-12	12V	1.3A	$\pm 1.0\%$	≤120mV	82%
PD-15-15	15V	1.0A	$\pm1.0\%$	≤120mV	83%
PD-15-24	24V	0.7A	$\pm 1.0\%$	≤120mV	85%

#### 25W Single Output

# □ PMus C€CB



- Features:
   No Load power consumption<0.5W
- Universal AC input range
- · High efficiency, long life and high reliability
- Withstand 300VA surge input for 5 sec.
   Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-20 ℃~70 ℃)
- All using 105 °C long life electrolytic capacitors.
- 100% full load burn-in test
- · PCB soldering side with conformal coating
- Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc
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	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
ЕМС	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	93*51*28mm

Model No.	Output Voltage/Current		Accuracy	Ripple and Noise	Efficiency
PD-25-S3.3	3.3V	6.0A	$\pm 1.0\%$	≤50mV	71%
PD-25-S5	5V	5.0A	$\pm 1.0\%$	≤80mV	77%
PD-25-S12	12V	2.1A	$\pm 1.0\%$	≤120mV	82%
PD-25-S15	15V	1.7A	$\pm1.0\%$	≤150mV	83%
PD-25-S24	24V	1.1A	$\pm 1.0\%$	≤240mV	84%

#### 75W Single Output

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#### **▶** Features: • No Load power consumption<0.5W

- Withstand 300VA surge input for 5 sec.
- High Efficiency, High reliability and long life
- 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
- Terminal block with plastic cover(option)

Input voltage	88Vac~264Vac,124~370Vdc
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	105%~150% of rated output voltage
Start up/Hold up time	Ton<2S Td≥20mS@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)	129*98*38mm

Model No.	Output Volt	age/Current	Accuracy	Ripple and Noise	Efficiency
PD-75-5	5V	12.0A	$\pm1.0\%$	≤80mV	80%
PD-75-12	12V	6.0A	$\pm 1.0\%$	≤120mV	85%
PD-75-15	15V	5.0A	$\pm 1.0\%$	≤150mV	86%
PD-75-24	24V	3.2A	$\pm1.0\%$	≤200mV	88%
PD-75-48	48V	1.6A	$\pm 1.0\%$	≤200mV	89%

### 100W Single Output





Dimension (L\*W\*H)

#### ▶ Features:

- No Load power consumption<0.5W Withstand 300VA surge input for 5 sec.
- High Efficiency, High reliability and long life
   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
- . Terminal block with plastic cover(option)

nput voltage	88Vac~264Vac,124~370Vdc
requency	47Hz~63Hz
Operating amb. temp	-20°C~70°C (refer to derating curve)
Over load protection	105%~150% of rated current
Over voltage protection	115%~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

Model No.	Output Volt:	age/Current	Accuracy	Ripple and Noise	Efficiency
PD-100-3.3	3.3V	20A	$\pm2.0\%$	≤50mV	76%
PD-100-5	5V	16A	$\pm 2.0\%$	≤50mV	76%
PD-100-12	12V	8.5A	$\pm 1.0\%$	≤120mV	81%
PD-100-15	15V	7A	$\pm 1.0\%$	≤100mV	83%
PD-100-24	24V	4.5A	$\pm 1.0\%$	≤120mV	85%
PD-100-48	48V	2.3A		≤200mV	85%

160\*98\*38mm

#### 35W Single Output



- Features:
   No Load power consumption<0.5W
- Universal AC input range
- High efficiency, long life and high reliability . Withstand 300VA surge input for 5 sec.
- Output protections: OLP/OVP/SCP Wide operating ambient temp (-25 °C~70 °C)
- · Operating altitude up to 5000M
- All using 105 °C long life electrolytic capacitors.
- 100% full load burn-in test
- · PCB soldering side with conformal coating
- Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc
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	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
ЕМС	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	101.6*63.5*33mm

N	Iodel No.	Output Volt	age/Current	Accuracy	Ripple and Noise	Efficiency
PI	D-35-5	5V	6.0A	±1.0%	≤50mV	80%
PI	D-35-12	12V	3.0A	$\pm1.0\%$	$\leq 80 \text{mV}$	84%
PI	D-35-15	15V	2.4A	$\pm 1.0\%$	≤120mV	86%
PI	D-35-24	24V	1.5A	$\pm 1.0\%$	≤120mV	87%
PI	D-35-48	48V	0.76A	$\pm 1.0\%$	≤180mV	88%

# **50W Single Output**





# Features: • No Load power consumption<0.5W

- Universal AC input range
- High efficiency, long life and high reliability
   Withstand 300VA surge input for 5 sec.
- Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25 ℃~70 ℃)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test · Easy assembling from top side
- PCB soldering side with conformal coating
- Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc
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	105%~150% of rated output voltage
Start up/Hold up time	Ton<1.5S Td≥50mS@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)	99*82*35mm

Model No.	Output Volt	age/Current	Accuracy	Ripple and Noise	Efficiency
PD-50-5	5V	8.0A	$\pm 1.0\%$	≤80mV	80%
PD-50-12	12V	4.2A	$\pm1.0\%$	≤120mV	84.5%
PD-50-15	15V	3.4A	$\pm 1.0\%$	≤120mV	85.5%
PD-50-24	24V	2.2A	$\pm 1.0\%$	≤200mV	87%
PD-50-48	48V	1.12A	± 1.0%	≤200mV	88.5%

### 150W Single Output





#### ► Features:

- No Load power consumption<0.5W
- Universal AC input range
- High efficiency, long life and high reliability
- Withstand 300VA surge input for 5 sec.
   Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25 °C~70 °C) • All using 105 °C long life electrolytic capacitors.
- 100% full load burn-in test
- · Easy assembling from top side
- PCB soldering side with conformal coating Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc
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	115%~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
ЕМС	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	199*98*38mm

Model No.	Output Volta	ige/Current	Accuracy	Ripple and Noise	Efficiency
PD-150-3.3	3.3V	30A	$\pm2.0\%$	≤80mV	74%
PD-150-5	5V	26A	$\pm2.0\%$	$\leq 80 \text{mV}$	79%
PD-150-12	12V	12.5A	$\pm1.0\%$	≤120mV	83%
PD-150-15	15V	10A	$\pm 1.0\%$	≤120mV	84%
PD-100-24	24V	6.5A	$\pm 1.0\%$	≤120mV	85%
PD-100-48	48V	3.3A	$\pm 1.0\%$	≤200mV	87%



#### 35W Single Output



# Features: • No Load power consumption<0.5W

- Universal AC input range
- High efficiency, long life and high reliability
- Withstand 300VA surge input for 5 sec.
- Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25 °C~70 °C)
- All using 105<sup>°</sup>C long life electrolytic capacitors. • 100% full load burn-in test
- · PCB soldering side with conformal coating
- Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc
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	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
ЕМС	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	94*51*29mm

Model No.	Output Volt	age/Current	Accuracy	Ripple and Noise	Efficiency
PD-H35S12	12V	3.0A	$\pm 1.0\%$	≤120mV	82%
PD-H35S24	24V	1.5A	$\pm 1.0\%$	≤120mV	84%

#### 40W Single Output



# Features: • No Load power consumption<0.5W

#### • Universal AC input range · High efficiency, long life and high reliability

- Withstand 300VA surge input for 5 sec.
   Output protections: OLP/OVP/SCP

- All using 105 °C long life electrolytic capacitors. • 100% full load burn-in test
- PCB soldering side with conformal coating
- Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc
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	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*63.5*33mm

Model No.	Output Volt	age/Current	Accuracy	Ripple and Noise	Efficiency
PD-H40S12	12V	3.A	$\pm 1.0\%$	≤120mV	83%
PD-H40S24	24V	1.7A	$\pm 1.0\%$	$\leq 120 \text{mV}$	85%

#### 100W Single Output



#### **▶** Features:

- No Load power consumption<0.5W Withstand 300VA surge input for 5 sec.
- High Efficiency, High reliability and long life 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
- Terminal block with plastic cover(option)

Input voltage	88Vac~264Vac,124~370Vdc
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	105%~150% of rated output voltage
Start up/Hold up time	Ton<2S Td≥20mS@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)	129*98*38mm

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Model No.	Output Volta	ige/Current	Accuracy	Ripple and Noise	Efficiency
PD-H100S24	24V	4A	± 1.0%	≤100mV	86%

#### 240W Single Output



#### Features:

- . No Load power consumption<0.5W Universal AC input range
- High efficiency, long life and high reliability
- Withstand 300VA surge input for 5 sec.
   Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25℃~70℃)
- Operating altitude up to 5000M • All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- · PCB soldering side with conformal coating
- Suitable for critical applications

Model No.	tput Voltage/Current Accuracy Ripple and Noise Efficien			
Dimension (L*W*H)	199*99*50mm			
EMC	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B			
Safety standards	U160950, EN60950			
Withstand Voltage IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0 KVdc ,1min				
Start up/Hold up time	Ton<1S Td≥20mS @ 230Vac			
Over voltage protecti	105%~150% of rated output voltage			
Over load protection	105%~150% of rated current			
Operating amb. temp	-25°C~70°C (refer to derating curve)			
Frequency	47Hz~63Hz			
Input voltage	88Vac~264Vac,124~370Vdc			

Model No.	Output Volt	age/Current	Accuracy	Ripple and Noise	Efficiency
PD-H240-24	24V	10A	$\pm 1.0\%$	≤200mV	86%

#### **60W Single Output**



#### Features:

- No Load power consumption<0.5W</li>
- Universal AC input range
- High efficiency, long life and high reliability . Withstand 300VA surge input for 5 sec.
- Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25 °C~70 °C) · Operating altitude up to 5000M
- All using 105 °C long life electrolytic capacitors.
- 100% full load burn-in test
- · PCB soldering side with conformal coating
- Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc
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	n 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
ЕМС	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B
Dimension (L*W*H)	99*82*35mm
Model No.	Output Voltage/Current Accuracy Ripple and Noise Efficiency

12V 5A ±1.0% ≤100mV 83%

### 75W Single Output



# Features: • No Load power consumption<0.5W

- Universal AC input range
- High efficiency, long life and high reliability
   Withstand 300VA surge input for 5 sec.
- Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25 °C~70 °C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test · Easy assembling from top side
- PCB soldering side with conformal coating
- Suitable for critical applications

Withstand Voltage         KVdc .1min           Safety standards         U160950, EN60950           EMC         EN61000-4-2,3,4,5,6,8,11;	Efficiency			
Operating amb. temp         -25℃-70℃ (refer to derating curve)           Over load protection         105%-150% of rated current           Over voltage protection         105%-150% of rated output voltage           Start up/Hold up time         Ton<1.58 Td≥50mS @ 230Vac           Withstand Voltage         IP OP 38X Vac, IP-FG 1.5K Vac, OP-FG           KVdc, Imin         UI60950, EN60950           EMC         EN61000-4-2,3,4,5,6,8,11;	99*82*35mm			
Operating amb. temp     -25°C-70°C (refer to derating curve)       Over load protection     105%-150% of rated current       Over voltage protection     105%-150% of rated output voltage       start up/Hold up time     Ton<1.58 Td≥50mS @ 230Vac	EN61000-4-2,3,4,5,6,8,11; EN55022, EN55024, FCC PART 15 Class B			
Operating amb. temp         -25°C-70°C (refer to derating curve)           Over load protection         105%-150% of rated current           Over voltage protection         105%-150% of rated output voltage           Start up/Hold up time         Ton<1.5S         Td≥ 50mS         230Vac           Withstand Voltage         IP OP 3KVac, IP-FG 1.5KVac, OP-FG				
Operating amb. temp -25°C~70°C (refer to derating curve) Over load protection 105%~150% of rated current Over voltage protection 105%~150% of rated output voltage	IP-OP 3KVac, IP-FG 1.5KVac, OP-FG 0.5 KVdc ,1min			
Operating amb. temp     -25℃-70℃ (refer to derating curve)       Over load protection     105%~150% of rated current	Ton<1.5S Td≥50mS@230Vac			
Operating amb. temp -25°C~70°C (refer to derating curve)				
Frequency 47Hz~63Hz				
	47Hz~63Hz			
nput voltage 88Vac~264Vac,124~370Vdc				

## 300W Single Output



#### Features:

- No Load power consumption<0.5W</li>
- Universal AC input range
- High efficiency, long life and high reliability
- . Withstand 300VA surge input for 5 sec Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25 °C~70 °C)
- Operating altitude up to 5000M
- All using 105 °C long life electrolytic capacitors.
- 100% full load burn-in test
- PCB soldering side with conformal coating
- Suitable for critical applications

Input voltage	88Vac~264Vac,124~370Vdc				
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	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)	199*99*50mm				

Model No.	Output Volta	Output Voltage/Current		Ripple and Noise	Efficiency
PD-H300-24	24V	12.5A	± 1.0%	≤100mV	88%