

PD and Single Output Adapter





About Delta

Delta, founded in 1971, is a global provider of power and thermal management solutions. Its mission statement, "To provide innovative, clean and energy-efficient solutions for a better tomorrow," focuses on addressing key environmental issues such as global climate change. As an energy-saving solutions provider with core competencies in power electronics and automation, Delta's business categories include Power Electronics, Automation, and Infrastructure.

Delta offers some of the most energy efficient power products in the industry, including switching power supplies with efficiency over 90 %, telecom power with up to 98 %, and PV inverters with up to 99.2 % efficiency. We have also developed the world's first server power supply certified as 80 Plus Titanium.

In response to the challenge of climate change, Delta will remain committed to the research and development of innovative, energy-saving products, solutions and services that contributing substantially to the sustainable development of mankind.

Business Categories



Power Electronics

- · Components
- · Power and Systems
- · Fan & Thermal Management
- ran a memat managemen
- · Automotive Electronics





Automation

- · Industrial Automation
- · Building Automation



ICT Infrastructure

- Energy Infrastructure
 & Industrial Solutions
- vivitek

About Power and System Business Group (PSBG)

- · World's leading provider of power products and solutions
- · First power product launched in 1983



Power Conversion



Smart Drive & Control



Battery Charger



Green Energy

Empowering a Smarter, Greener Future

PSBG offers cutting-edge power products and systems that support innovative solutions in cloud computing, network connectivity, client devices, industrial and medical industry, lighting, and appliances and e-mobility for global customers.



Trusted Adapter Provider for Superior Performance

Delta is the leading global producer of power supplies. We have pursued the mission: "To provide innovative, clean and energy-efficient solutions for a better tomorrow" for decades. Delta provides total power management solutions for notebook, communication and other external power source applications. Delta Group produces over 200M pieces per year with about a 45% global market share. Our products are provided for the world's best-known brands. We strive to design environmentally friendly products, and we research and develop high-efficiency, very compactand low profile AC adapters. All models are fully RoHS, REACH and WEEE recycling compliant.



High Efficiency Performance

· Meets ErP Lot 7 & DOE Level VI



High Touch Noise Reduction

· Built-in smart shunt mechanism reduces devices' touch panel response latency issue caused by higher voltages than required



Reliable Product Development

- · Ensures performance stability at room temperature/high temperature/low temperature
- · More than 30 years of sophisticated product design and manufacturing experience



Compact Design

 Our product features a compact design that provides enhanced portability and convenience for our customers



Worldwide Safety Certification

· Meets IEC / UL / EN 62368-1

Product Overview

PD Series

Form Factor	Model Name	Output Power	Output Voltage (±5%)	Dimensions (mm)	Output Connector
Wall Mount	ADP-30NW BA	30 W	5 V / 9 V / 12 V / 15 V / 20 V	50 x 50 x 28.5	
272	ADP-45EW	45 W	EV / 0.V / 1E.V / 20.V	53 x 53 x 28.5	
	ADP-65JW	65 W	5 V / 9 V / 15 V / 20 V	63 x 63 x 28.5	
	ADP-45HG B	45 W		92 x 45.5 x 26.3	
AC Socket	ADP-65KE B	65 W	5 V / 9 V / 12 V / 15 V / 20 V	90 x 51 x 28.5	
	ADP-100XB B	100 W		108 x 56 x 26.5	Type C
	ADP-140BB B	140 W	5 V / 9 V / 12 V / 15 V / 20 V / 28 V	138 65.5 x 28.5	
	ADP-240KB B	240 W	5 V / 9 V / 15 V / 20 V / 28 V /36 V / 48 V	162 x 72 x 23	
Changeable	ADP-65TW A	65 W	5 V / 9 V / 15 V / 20 V	30.4 x 30.4 x 60	

Non-PD Series

Form Factor	Model Name	Output Power	Output Voltage (±5%)	Dimensions (mm)	Output Connector (mm)
	ADP-36PH B	36 W		89.5 x 37 x 26.5	
	ADP-60KD B	60 W	10.1/	120.0 x 52.5 x 32.5	Ø5.5
	ADP-90KE B	90 W	12 V	108 x 56 x 26.5	
	ADP-120YH B	120 W	1/1/	138 x 65.5 x 28.5	Ø7.4
	ADP-45FE FS	45 W		94 x 39 x 26.5	Ø5.5
AC Socket	ADP-65DE B	65 W		108 x 46 x 29.5	Ø3.0
2	ADP-90WH K	90 W	10.51/	126 x 51 x 30	
	ADP-180TB F	180 W	19.5 V	152 x 72.5 x 25.4	
	ADP-230JB D	230 W		157 x 85 x 25.4	Ø5.5
	ADP-330CB B	330 W	1 / ////	200 x 100 x 43	
	ADP-120VH D	120 W	20 V	138 x 68.5 x 24.5	
	ADP-120XH B	120 W	1/	138 x 68.5 x 24.5	ØF F
	ADP-150EH B	150 W	24 V	160 x 76.2 x 25.6	Ø5.5
	ADP-180WB B	180 W	-///	148 x 75.5 x 25.4	Ø6.5

Index

· PD adapter	C)
· Non-PD adapte	er	13

PD wall mount adapter



- · Wide compatibility
- · High immunity to touch noise
- · Compliance with CoC TIER2 for high quality
- · Supports 2 times peak load















Category	Item	ADP- 30NW BA	
AC Port	Туре	US	
Output Dimensions	L x W x H (mm)	50 x 50 x 28.5	
	Operating Temperature	0 - 35°C	
	Weight	74 g ±2.5%	
	Output Connector	1 type C connector	
	Efficiency Standard	DOE Level VI CoC TIER2	
	Input Voltage Range	90 - 264 V	
Input	Average Efficiency	$5V \ge 81.84\%$ $9V \ge 87.30\%$ $12V \ge 87.69\%$ $15V \ge 87.69\%$ $20V \ge 87.69\%$	
	No Load Power Consumption	<0.075 W	
	Output Power	30 W	
	Output Voltage (±5%)	5 V / 9 V / 12 V / 15 V / 20 V	
Output	Output Current (max.)	3 A @ 5 V / 9 V 2.5 A @12 V 2 A @15 V 1.5 A @20 V	
	Ripple and Noise	<300 mV	
	Peak Load	>17.8 V @150%,load ,2 ms >17.8 V @200%,load ,1 ms	
	Cap Life	>13140 hrs @25 °C,100 V _{AC}	
Performance	Case Temperature Rise	<45 °C @35 °C,100 V _{AC}	
	Acoustic Noise (keep 10 cm)	<30 dB	
	Leakage Current (@240 V _{AC})	<100 uA	
Safety	Protection Type (OCP/OVP/SCP)	OCP/SCP : Auto-Recovery OVP : Latch-off	
	Standard	IEC/UL/EN 62368-1	

PD wall mount adapter



- · Wide compatibility
- · High immunity to touch noise
- · Excellent leakage current performance
- · Compliance with CoC TIER2 for high quality
- · Supports 2 times peak load
- · Travel kit with changeable duckhead













Category	Item	ADP-65TW A	
AC Port	Туре	US / EU / UK / AU / IN	
Output Dimensions	L x W x H (mm)	30.4 x 30.4 x 60	
	Operating Temperature	0 - 35 °C	
	Weight	210 g ±2.5%	
	Output Connector	1 type C connector	
	Efficiency Standard	DOE Level VI CoC TIER2	
	Input Voltage Range	90 - 264 V	
Input	Average Efficiency	$5V \ge 81.84\%$ $9V \ge 87.30\%$ $15V \ge 88.85\%$ $20V \ge 89.00\%$	
	No Load Power Consumption	<0.15 W	
	Output Power	65 W	
	Output Voltage (±5%)	5 V / 9 V / 15 V / 20 V	
Output	Output Current (max.)	3 A @ 5 V / 9 V / 15 V 3.25 A @20 V	
	Ripple and Noise	<370 mV	
	Peak Load	>17.8 V @200%,load ,0.5 ms >17.8 V @225%,load ,250 us	
	Cap Life	>13140 hrs @25 °C,100 V _{AC}	
Performance	Case Temperature Rise	<45 °C @25 °C,100 V _{AC}	
	Acoustic Noise (keep 10 cm)	<25 dB	
	Leakage Current (@240 V _{AC})	<50 uA	
Safety	Protection Type (OCP/OVP/SCP)	Latch-off	
	Standard	IEC/UL/EN 62368-1	



PD wall mount adapter



- · Wide compatibility
- · High immunity to touch noise
- · Excellent leakage current performance
- · Compliance with CoC TIER2 for high quality
- · Supports 2 times peak load













Category	Item	ADP-45EW YGA	ADP-65JW YEA
AC Port	Туре	US	
Output Dimensions	L x W x H (mm)	53 x 53 x 28.5	63 x 63 x 28.5
	Captive DC Cable Length (m)	1.5	2
	Operating Temperature	0 - 35°C	0 - 40°C
General	Weight	170 g ±5 g	210 g ±2.5%
	Output Connector	Тур	pe C
	Efficiency Standard		evel VI TIER2
	Input Voltage Range	90 -	264 V
Input	Average Efficiency	$5 V \ge 81.84\%$ $9 V \ge 87.30\%$ $15 V \ge 88.85\%$ $20 V \ge 88.85\%$	$5 V \ge 81.84\%$ $9 V \ge 87.30\%$ $15 V \ge 88.85\%$ $20 V \ge 89.00\%$
	No Load Power Consumption	<0.075 W	<0.15 W
	Output Power	45 W	65 W
	Output Voltage (±5%)	5 V / 9 V / 15 V / 20 V	
Output	Output Current (max.)	3 A @5 V / 9 V / 15 V 2.25 A @20 V	3 A @5 V / 9 V / 15 V 3.25 A @20 V
	Ripple and Noise	<300 mV	
	Peak Load	>17.8 V @200% load,2 ms	
	Cap Life	>13140 hrs @	025 °C,100 V _{AC}
Performance	Case Temperature Rise	<40°C @4	0°C,100 V _{AC}
	Acoustic Noise (keep 10 cm)	<25 dB	
	Leakage Current (@240 V _{AC})	<20 uA	
Safety	Protection Type (OCP/OVP/SCP)	Latc	h-off
	Standard	IEC/UL/EN 62368-1	









PD wall mount adapter

- · Wide compatibility
- · High immunity to touch noise
- · Excellent leakage current performance
- · Compliance with CoC TIER2 for high quality
- · Supports 2 times peak load

Category	Item	ADP-45EW ZGA	ADP-65JW ZEA
AC Port	Туре	EU	
Output Dimensions	L x W x H (mm)	53 x 53 x 28.5	63 x 63 x 28.5
	Captive DC Cable Length (m)	1.8	2
	Operating Temperature	0 - 35 °C	0 - 40 °C
General	Weight	180 g ±5%	223 g ±2.5%
	Output Connector	Тур	pe C
	Efficiency Standard		evel VI TIER2
	Input Voltage Range	90 -	264 V
Input	Average Efficiency	$5 \text{ V} \ge 81.84\%$ $9 \text{ V} \ge 87.30\%$ $15 \text{ V} \ge 88.85\%$ $20 \text{ V} \ge 88.85\%$	$5 \text{ V} \ge 81.84\%$ $9 \text{ V} \ge 87.30\%$ $15 \text{ V} \ge 88.85\%$ $20 \text{ V} \ge 89.00\%$
	No Load Power Consumption	<0.075 W	<0.15 W
	Output Power	45 W	65 W
	Output Voltage (±5%)	5 V / 9 V /	15 V / 20 V
Output	Output Current (max.)	3 A@ 5 V / 9 V / 15 V 2.25 A@20 V	3 A@ 5 V / 9 V / 15 V 3.25 A@20 V
	Ripple and Noise	<300 mV	
	Peak Load	>17.8 V @20	0% load,2 ms
	Cap Life	>13140 hrs @	025 °C,100 V _{AC}
Performance	Case Temperature Rise	<40°C @4	0 °C,100 V _{AC}
	Acoustic Noise (keep 10 cm)	<25 dB	
	Leakage Current (@240 V _{AC})	<20	DuA
Safety	Protection Type (OCP/OVP/SCP)	Latc	h-off
	Standard	IEC/UL/EN 62368-1	



PD AC socket adapter



- · Wide compatibility
- · High immunity to touch noise
- · Excellent leakage current performance



















Category	Item	ADP-45HG BN	ADP-65KE BY	
AC Port	Туре	C6		
Output Dimensions	L x W x H (mm)	92 x 45.5 x 26.3	90 x 51 x 28.5	
	Captive DC Cable Length (m)	1.	5	
	Operating Temperature	0 - 35 °C		
General	Weight	170 g ±5%	210 g±5%	
	Output Connector	Тур	e C	
	Efficiency Standard	DOE Le CoC 1		
	Input Voltage Range	90 - 2	264 V	
Input	Average Efficiency	$5V \ge 81.84\%$ $9V \ge 87.30\%$ $12V \ge 88.30\%$ $15V \ge 88.85\%$ $20V \ge 88.85\%$	$5V \ge 81.84\%$ $9V \ge 87.30\%$ $12V \ge 88.30\%$ $15V \ge 88.85\%$ $20V \ge 89.00\%$	
	No Load Power Consumption	<0.075 W	<0.15 W	
	Output Power	45 W	65 W	
	Output Voltage (±5%)	5 V / 9 V / 12 V / 15 V / 20 V		
Output	Output Current (max.)	3 A@ 5 V / 9 V / 12 V / 15 V 2.25 A@20 V	3 A@ 5 V / 9 V / 12 V / 15 V 3.25 A@20 V	
Output	Ripple and Noise	<300mV		
	Peak Load	>17 V @1809	% load,2 ms	
	Cap Life	>8,760 hrs @	25 °C,115 V _{AC}	
Performance	Case Temperature Rise	TOP <45°C @25°C,100 V _{AC} / BOT <50°C@25°C, 100 V _{AC}		
	Acoustic Noise (keep 10 cm)	<25 dB	<30 dB	
	Leakage Current (@240 V _{AC})	<50 uA		
Safety	Protection Type (OCP/OVP/SCP)	Latch	n-off	
	Standard	IEC / UL / EN 62368-1		

PD AC socket adapter



- · Wide compatibility
- · High immunity to touch noise
- · Excellent leakage current performance















Category	Item	ADP-100XB BD	ADP-140BB B
AC Port	Туре	C	66
Output Dimensions	L x W x H (mm)	108 x 56 x 26.5	138 x 65.5 x 28.5
	Captive DC Cable Length (m)	1.5	1.8
	Operating Temperature	0 - 35 °C	
General	Weight	260 g ±5%	405 g ±10%
	Output Connector	Тур	pe C
	Efficiency Standard		evel VI TIER2
	Input Voltage Range	90 -	264 V
Input	Average Efficiency	$5V \ge 82.39\%$ $9V \ge 87.62\%$ $12V \ge 88.40\%$ $15V \ge 88.85\%$ $20V \ge 89.00\%$	$5V \ge 81.50\%$ $9V \ge 86.70\%$ $12V \ge 88.00\%$ $15V \ge 89.00\%$ $20V \ge 90.00\%$ $28V \ge 90.00\%$
	No Load Power Consumption	<0.1	15 W
	Output Power	100 W	140 W
	Output Voltage (±5%)	5 V / 9 V / 12 V / 15 V / 20 V	5 V / 9 V / 12 V / 15 V / 20 V / 28 V
Outrot	Output Current (max.)	3 A@ 5 V / 9 V / 12 V / 15 V 5 A@20 V	3 A@ 5 V / 9 V 5 A@12 V / 15 V / 20 V / 28 V
Output	Ripple and Noise	<350 mV	<380 mV
	Peak Load	>17 V @180% load,2 ms	20V: >18V@200% load, 1ms (with 1000uF) 28V: >25.2V@200% load, 1ms (with 1000uF)
	Cap Life	>8760 hrs @25 °C,115 V _{AC}	>8760 hrs @35 °C,100 V _{AC}
Performance	Case Temperature Rise	TOP <45°C @25°C,100 V _{AC} BOT <50°C@25°C, 100 V _{AC}	TOP <40 °C @35 °C,100 V _{AC} BOT <40 °C @35 °C,100 V _{AC}
	Acoustic Noise (keep 10 cm)	<25	5 dB
	Leakage Current (@240 V _{AC})	<50 uA	<40 uA
Safety	Protection Type (OCP/OVP/SCP)	Latc	h-off
	Standard	IEC / UL / EN 62368-1	





PD AC socket adapter



- · Wide compatibility
- · High immunity to touch noise
- · Excellent leakage current performance

















Category	Item	ADP-240KB BA	
AC Port	Туре	C6	
Output Dimensions	L x W x H (mm)	162 x 72 x 23	
	DC Cable Length (m)	1.8	
	Operating Temperature	0 - 35°C	
General	Weight	560g ±10%	
	Efficiency Standard	DOE Level VI	
	Input Voltage Range	90 - 264 V	
Input	Average Efficiency	$5V \ge 81.39\%$ $9V \ge 86.62\%$ $15V \ge 87.73\%$ $20V, 28V, 36V, 48V \ge 88\%$	
	No Load Power Consumption	<0.2 W	
	Output Power	240 W	
	Output Voltage (±5%)	5 V / 9 V / 15 V / 20 V / 28 V / 36 V / 48 V	
Output	Output Current (max.)	3 A @ 5 V / 9 V / 15 V 5 A @20 V / 28 V / 36 V / 48 V	
	Ripple and Noise	<600 mV	
	Peak Load	48 V: >43.4 V @150% load, 1 ms @125% load, 2 ms @110% load ,10 ms	
	Cap Life	>8760 hrs @25 °C,115 V _{AC}	
Performance	Case Temperature Rise	TOP <60 °C @35 °C,90 V _{AC} TOP <60 °C @35 °C,90 V _{AC}	
	Acoustic Noise (keep 10 cm)	<25 dB	
	Leakage Current (@240 V _{AC})	<50 uA	
Safety	Protection Type (OCP/OVP/SCP)	Latch-off	
	Standard	IEC/UL/EN 62368-1	

Non-PD AC socket adapter



- · Wide compatibility
- · High immunity to touch noise















Category	Item	ADP-36PH BBZ	ADP-60KD BR
AC Port	Туре	C6	C14
Output Dimensions	L x W x H (mm)	89.5 x 37 x 26.5	120.0 x 52.5 x 32.5
	Captive DC Cable Length (m)	1.	.5
	Operating Temperature	0 - 40 °C	
General	Weight	153 g±10%	240 g±10%
	Output Connector	Φ	5.5
	Efficiency Standard	DOE L	evel VI
	Input Voltage Range	90 - 264 V	
Input	Average Efficiency	>87.4%	>88%
	No Load Power Consumption	<0.1W	<0.15 W
	Output Power	36 W	60 W
Output	Output Voltage (±5%)	12 V	
σαιραί	Output Current (max.)	3 A	5 A
	Ripple and Noise	<450 mV	<380 mV
	Cap Life	>43,800 hrs @ 25°C, 100 V _{AC}	>30,000 hrs @ 25 °C, 100 V _{AC}
Performance	Case Temperature Rise	<45°C @4	0 °C,100 V _{AC}
	Acoustic Noise (keep 10 cm)	<25 dB	
	Leakage Current (@240 V _{AC})	<100 uA	
Safety	Protection Type (OCP/OVP/SCP)	OCP / SCP : Auto-Recovery OVP : Latch-off	Latch-off
	Standard	IEC / UL / E	EN 62368-1



Non-PD AC socket adapter



- · Wide compatibility
- · High immunity to touch noise



Non-PD AC socket adapter

- · Wide compatibility
- · High immunity to touch noise

















Category	Item	ADP-90KE BF	ADP-120YH BC
AC Port	Туре	C6	
Output Dimensions	L x W x H (mm)	138 x 68.5 x 25.4	160 x 76.2 x 25.6
	Captive DC Cable Length (m)	1	.2
	Operating Temperature	0 - 4	40 °C
General	Weight	340 g±10%	430 g±10%
	Output Connector	Φ5.5	Ф7.4
	Efficiency Standard		evel VI TIER2
Input	Input Voltage Range	90 - 264 V	
	Average Efficiency	>89%	
	No Load Power Consumption	<0.15 W	
	Output Power	90 W	120 W
Output	Output Voltage (±5%)	12 V	
Output	Output Current (max.)	7.5 A	10 A
	Ripple and Noise	<240 mV	
	Cap Life		00 hrs @ / _{AC} , 50% load
Performance	Case Temperature Rise	<45 °C @40°C,100 V _{AC}	
	Acoustic Noise (keep 10 cm)	<30 dB	
	Leakage Current (@240 V _{AC})	<25	0 uA
Safety	Protection Type (OCP/OVP/SCP)	Lato	h-off
	Standard	IEC/UL/EN 62368-1	















Category	Item	ADP-120XH BD	ADP-150EH BC	ADP-180WB BG		
AC Port	Туре	C6				
Output Dimensions	L x W x H (mm)	138× 68.5 x 24.5	160× 76.2 x 25.6	148× 75.5 x 25.4		
General	Captive DC Cable Length (m)	1.8				
	Operating Temperature	0 - 40 °C				
	Weight	330 g ±10%	378 g ±10%	514 g ±10%		
	Output Connector	Ф	Ф6.5			
	Efficiency Standard	DOE Level VI CoC TIER2				
Input	Input Voltage Range	90 - 264 V				
	Average Efficiency	>89%				
	No Load Power Consumption	<0.15 W				
Output	Output Power	120 W	150 W	180 W		
	Output Voltage (±5%)	24 V				
	Output Current (max.)	5 A	6.25 A	7.5 A		
	Ripple and Noise	<43	<380 mV			
Performance	Cap Life	>43,800 hrs @ 25 °C, 100 V _{AC} , 50% load				
	Case Temperature Rise	<45 °C @40 °C,100 V _{AC}				
	Acoustic Noise (keep 10 cm)	<25	<30 dB			
Safety	Leakage Current (@240 V _{AC})	<250 uA				
	Protection Type (OCP/OVP/SCP)	Latch-off				
	Standard	IEC/UL/EN 62368-1				



Non-PD AC socket adapter



- · Wide compatibility
- · High immunity to touch noise

Non-PD AC socket adapter



- · Wide compatibility
- · High immunity to touch noise

















Category	Item	ADP-45FE FS	ADP-65DE BBL	ADP-90WH KBG	ADP-120VH DP	
AC Port	Туре	C6				
Output Dimension	ons L x W x H (mm)	94 x 39 x 26.5	108 x 46 x 29.5	126 x 51 x 30	138 x 68.5 x 24.5	
General	Captive DC Cable Length (m)	1.5		1.8 m		
	Operating Temperature	0 - 35 °C			0 - 40 °C	
	Weight	142 g ±10%	165 g ±10%	235 g ±10%	330 g ±10%	
	Output Connector	Ф5.5 Ф3.0		⊅5.5		
	Efficiency Standard	DOE Level VI CoC TIER2		DOE Level VI	DOE Level VI CoC TIER2	
Input	Input Voltage Range	90 - 264 V				
	Average Efficiency	>88.85%	>89%	>88% @115 V _{AC} >89% @230 V _{AC}	>89%	
	No Load Power Consumption	<0.075W	<0.15 W	<0.21W	<0.15 W	
Output	Output Power	45 W	65 W	90 W	120 W	
	Output Voltage (±5%)	19.5 V			20 V	
	Output Current (max.)	2.37 A	3.42 A	4.62 A	6 A	
	Ripple and Noise	<380 mV			<350 mV	
	Peak Load	>17V @3.56 A load, 2 ms	>17 V @5.13 A load, 2 ms	>15 V @7.5 A load, 10 ms	>18.5 V @120% load, 1ms	
Performance	Cap Life	>8,760 hrs @ 25°C, 115 V _{AC}		>13,140 hrs @ 25 °C, 100 V _{AC}	>26,280 hrs @ 25 °C, 100 V _{AC}	
	Case Temperature Rise	TOP <45 °C @25 °C,100 V _{AC} BOT <50 °C @25 °C,100 V _{AC}		<45 °C @35 °C, 100 V _{AC}	TOP <45 °C @25 °C,100 V _{AC} BOT <50 °C @25 °C,100 V _{AC}	
	Acoustic Noise (keep 10 cm)	<25 dB			<30 dB	
Safety	Leakage Current (@240 V _{AC})	<50 uA		<40 A	<100 uA	
	Protection Type (OCP/OVP/SCP)	Latch-off				
	Standard	IEC/UL/EN 62368-1				















Category	Item	ADP-180TB FBR	ADP-230JB DN	ADP-330CB BL		
AC Port	Туре	C6	C14			
Output Dimensions	L x W x H (mm)	152 x 72.5 x 25.4	157 x 85 x 25.4	200 x 100 x 43.0		
General	Captive DC Cable Length (m)	1.8				
	Operating Temperature	0 - 35°C	0 - 35 °C	0 - 40 °C		
	Weight	415 g ±10%	580 g ±10%	1,340 g ±10%		
	Output Connector	Ф5.5				
	Efficiency Standard	DOE Level VI CoC TIER2				
Input	Input Voltage Range	90 - 264 V				
	Average Efficiency	>89%				
	No Load Power Consumption	<0.1	<0.21W			
	Output Power	180 W	230 W	330 W		
	Output Voltage (±5%)	19.5 V				
Output	Output Current (max.)	9.23 A	11.8 A	16.92 A		
	Ripple and Noise	<350 mV	<380 mV			
	Peak Load	>18 V @15.69 A load, 2 ms	>17 V @21.24 A load, 2 ms	>17 V @30 A load, 1 ms		
Performance	Cap Life	>13,140 hrs @ 25 °C, 100 V _{AC}	>8,760 hrs @ 25 °C, 115 V _{AC}			
	Case Temperature Rise	TOP <45 °C @25 °C,100 V _{AC} BOT <50 °C @25 °C,100 V _{AC}		TOP <55 °C @25 °C,100 V _{AC} BOT <55 °C @25 °C,100 V _{AC}		
	AcousticNoise (keep 10 cm)	<25 dB				
Safety	Leakage Current (@240 V _{AC})	<100 uA		<70 uA		
	Protection Type (OCP/OVP/SCP)	Latch-off				
	Standard	IEC/UL/EN 62368-1				

Reliability meets performance with your trusted adapter selection



