



ADVANTECH

Power Supply

Q4/2014 Roadmap

PAPS Product Management
Q4/2014

Power Supply Product Categorization

SPS

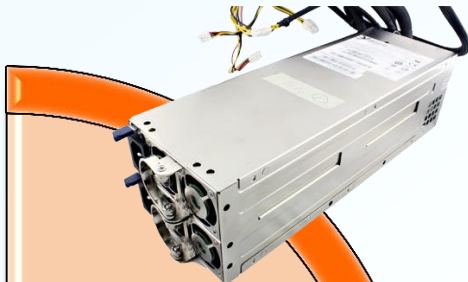
- ▶ 1U
- ▶ 2U
- ▶ FLEX
- ▶ PS2
- ▶ SFX



ATX

(1 + 1) Redundant (Module) Redundant

- ▶ Redundant
- ▶ Mini Redundant
- ▶ Redundant Module



Redundant

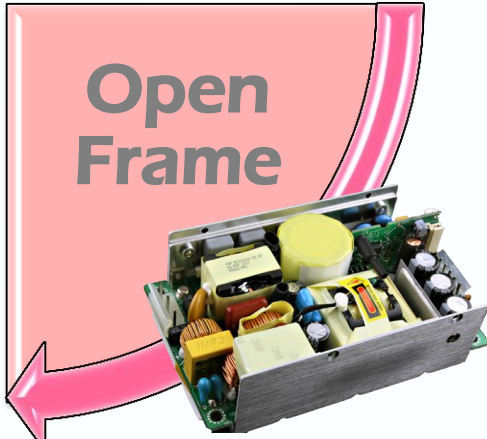
- ▶ Desktop Adapter
- ▶ Car Adapter



Adapter

SPS

- ▶ Open Frame



Open Frame



Power Supply Product Portfolio (I)

Update Date: 9/11/2014

ATX	Type	Output Power (W)	AC to DC	DC to DC
	1U ATX	250W-500W	96PS-A250W1U 96PS-A300W1U	96PS-D300W1U
	2U ATX	250W-500W	96PS-A300W2U 96PS-A400W2U-1	
	SFX	250W-500W	96PS-A250WSFX	
	FLEX	<250W	96PS-A100WFX 96PS-A150WFX 96PS-A180WFX 96PS-A220WFX	
		250W-500W	96PS-A250WFX 96PS-A270WFX 96PS-A300WFX 96PS-A350WFX 96PS-A400WFX	96PS-D300WFX
	PS2	250W-500W	96PS-A250WPS2 96PS-A300WPS2 96PS-A400WPS2 96PS-A500WPS2	
		501W-750W	96PS-A700WPS2	
		751W+	96PS-A1K0WPS2	

[Download Power Supply Product Portfolio](#)

Adapter	Output Power (W)	AC to DC	DC to DC
	<25W	96PSA-A15W5P2 96PSA-A15W5R2 96PSA-A20W5D4	
	25W-50W	96PSA-A30W12V5 96PSA-A36W12P2 96PSA-A36W12W6 96PSA-A40W12V3 96PSA-A40W12W9 96PSA-A45W12V1-M1	
	51W-75W	96PSA-A60W12D4 96PSA-A60W12H4 96PSA-A60W12R1 96PSA-A60W12W7 96PSA-A60W19P2 96PSA-A63W15V1-M 96PSA-A63W18V1-M 96PSA-A65W19V1 96PSA-A65W19V2 96PSA-A65W19V4	
	76W-100W	96PSA-A80W19P2 96PSA-A80W24D4-M 96PSA-A84W12D4 96PSA-A84W12V1 96PSA-A84W12W6 96PSA-A90W19T2 96PSA-A100W18D4-M3 96PSA-A100W18D4-M1 96PSA-A100W18V4-M 96PSA-A100W12W9	96PSA-D90W18W5 96PSA-D90W18W5-1 96PSA-D90W18W5-2
	101W-200W	96PSA-A120W19P4 96PSA-A130W19P4 96PSA-A150W12D4 96PSA-A150W19D4-M 96PSA-A150W19P2 96PSA-A180W24D4 96PSA-A200W24D3	
	201W+	96PSA-A220W24H6 96PSA-A220W24P4	

Power Supply Product Portfolio (II)

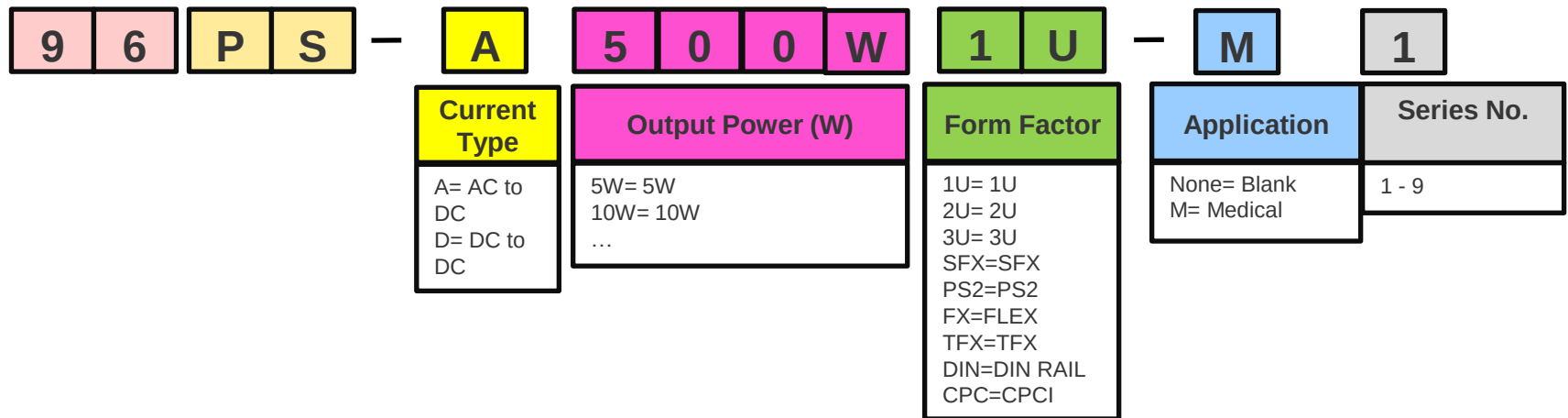
Update Date: 9/11/2014

Redundant	Type	Output Power (W)	AC to DC	DC to DC
	Redundant 1U	250W-500W	96PSR-A275W1U	
		501W-750W	96PSR-A650W1U 96PSR-A720W2U-2	
	Redundant 2U	250W-500W	96PSR-A350W2U 96PSR-A500W2U	
		501W-750W	96PSR-A600W2U	
	Mini Redundant	250W-500W	96PSR-A300WMIN 96PSR-A320WMIN 96PSR-A400WMIN 96PSR-A500WMIN	
		501W-750W	96PSR-A700WMIN	
		751W+	96PSR-A800WMIN	
	Redundant Module 1U	<250W	96PSRM-A96W1U	
		250W-500W	96PSRM-A300W1U-1	96PSRM-D250W1U
		501W+		96PSRM-D720W1U

Open Frame	Output Power (W)	AC to DC	DC to DC
	<100W	96PSO-A40WD 96PSO-A60W12 96PSO-A60W24	96PSO-D30W24 96PSO-D30W24-1
	101W-200W	96PSO-A120W24 96PSO-A120WQ 96PSO-A150W24 96PSO-A150WQ 96PSO-A150WQ-1 96PSO-A150WQ-M 96PSO-A200W12-M	96PSO-D120WQ 96PSO-D120WQ-1
	201W-300W	96PSO-A300W19-M 96PSO-A400W19-M	

ATX Power Supply Naming Convention

96 Part Number



Color / Symbol Key



ATX - AC to DC

1U ATX

250W – 500W

96PS-A250W1U

1757000557, ZIPPY AC 100-240V 250W W/PFC 1U ATX

AtoD

96PS-A300W1U

1757000229G, ZIPPY AC 100-240V 300W W/PFC 1U ATX

AtoD

2U ATX

250W – 500W

96PS-A300W2U

1757000007G, ZIPPY AC 100-240V 300W W/PFC 2U ATX

AtoD

96PS-A400W2U-1

1757000105G, ZIPPY AC 100-240V 400W W/PFC 2U ATX

AtoD

SFX

250W – 500W

96PS-A250WSFX

1757003955, FSP AC 100-240V 250W W/PFC SFX ATX

80 PLUS BRONZE AtoD

2H/2014

1H/2015

2H/2015

1H/2016

Q4/2014

Enabling an Intelligent Planet

ADVANTECH

NEW New

Focus

Medical Medical

Waterproof

80 PLUS BRONZE

80 PLUS GOLD

AtoD AC to DC

DtoD DC to DC

Available

Planning

Phasing-out

ATX - AC to DC

FLEX

< 250W

250W – 500W

96PS-A100WFX

1757003974-11, FSP AC 100-240V 100W W/PFC 1U FLEX ATX

AtoD

96PS-A150WFX

1757002862-11, FSP AC 100-240V 150W W/PFC 1U FLEX ATX

AtoD

96PS-A180WFX

1757000878, FSP AC 100-240V 180W W/PFC 1U FLEX ATX

AtoD

96PS-A220WFX

1757001497, FSP AC 100-240V 220W W/PFC 1U FLEX ATX



AtoD

96PS-A250WFX

1757003837, DELTA AC 100-240V 250W W/PFC 1U FLEX ATX

AtoD

96PS-A270WFX

1757001847, FSP AC 100-240V 270W W/PFC 1U FLEX ATX



AtoD

96PS-A300WFX

1757002922, FSP AC 100-240V 300W W/PFC 1U FLEX ATX



AtoD

96PS-A350WFX

1757002923, FSP AC 100-240V 350W W/PFC 1U FLEX ATX

AtoD

96PS-A400WFX

1757004334-01, FSP AC 100-240V 400W W/PFC 1U FLEX ATX

AtoD

2H/2014

1H/2015

2H/2015

1H/2016

Q4/2014

Enabling an Intelligent Planet

ADVANTECH

ATX - AC to DC

PS2

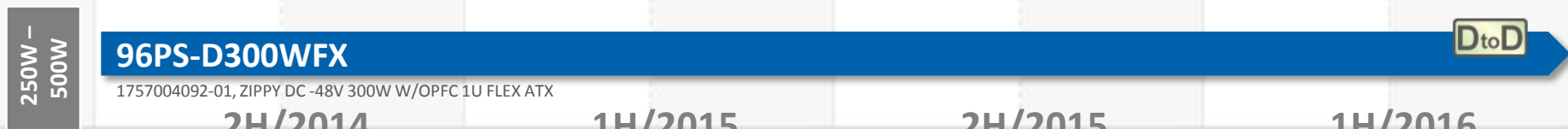


ATX - DC to DC

1U ATX



FLEX



2H/2014

1H/2015

2H/2015

1H/2016

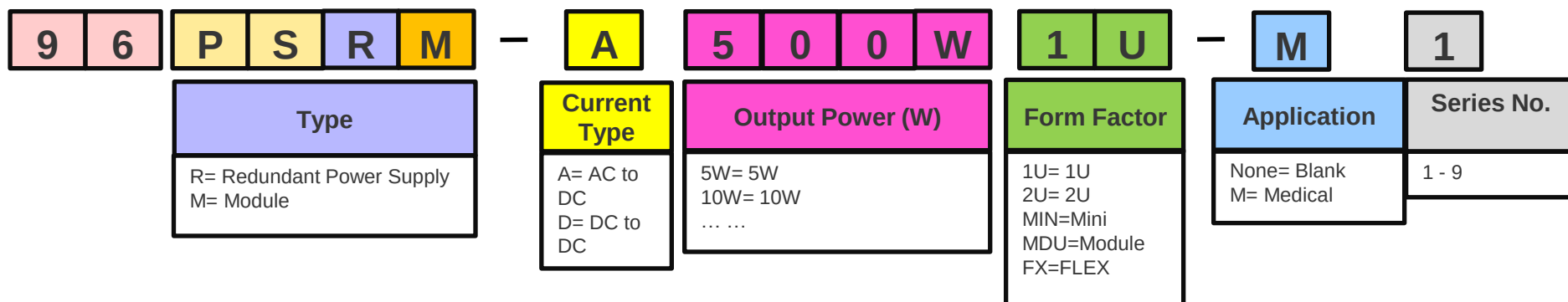
Q4/2014

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ADVANTECH

Redundant Power Supply Naming Convention

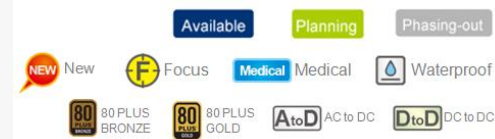
96 Part Number



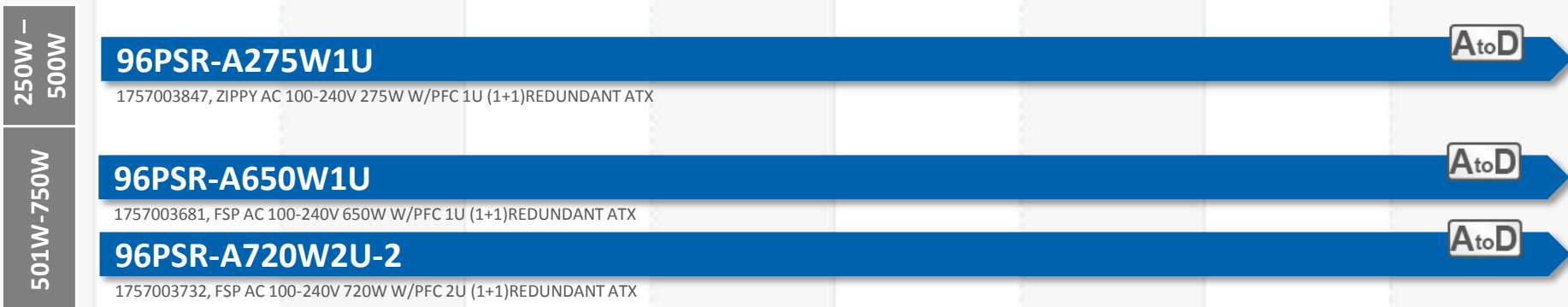
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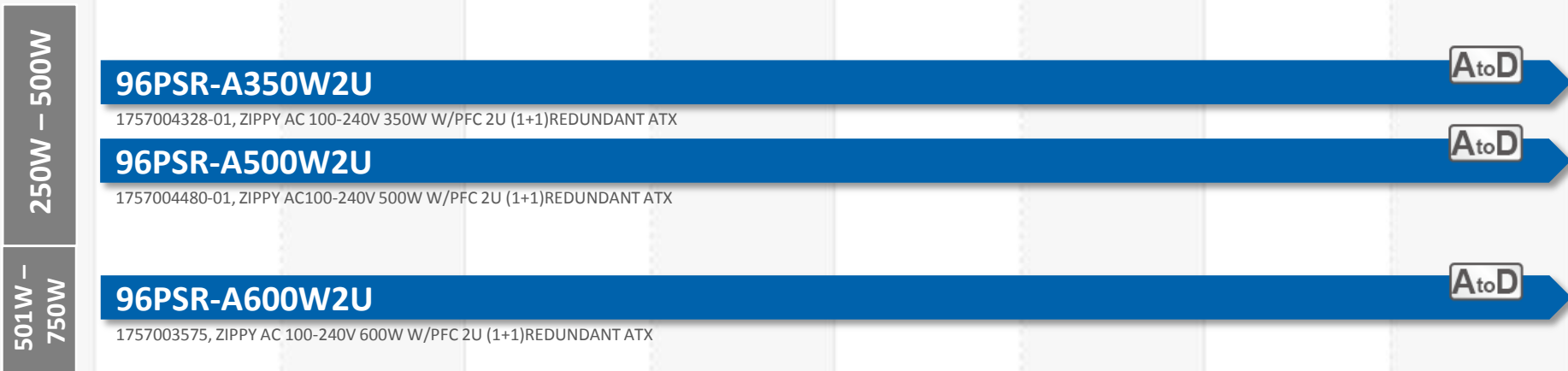
Redundant Power Supply– AC to DC



Redundant 1U



Redundant 2U



2H/2014

1H/2015

2H/2015

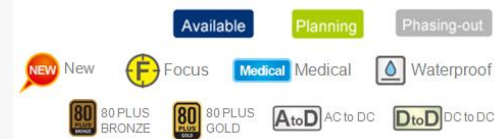
1H/2016

Q4/2014

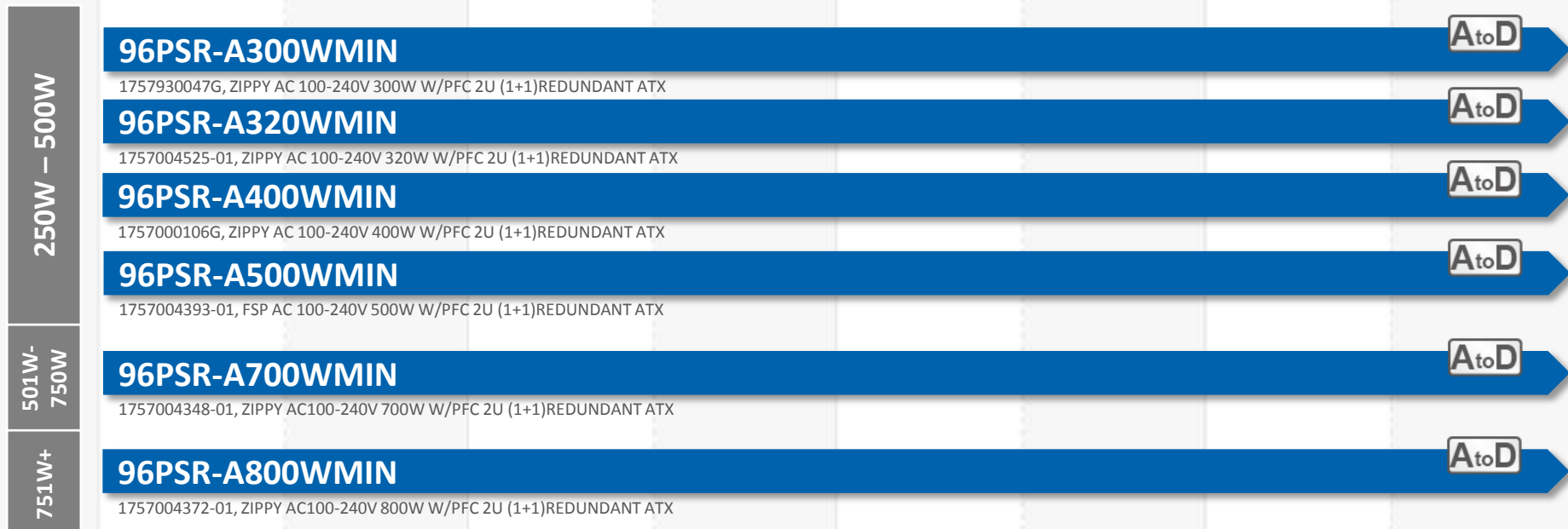
Enabling an Intelligent Planet

ADVANTECH

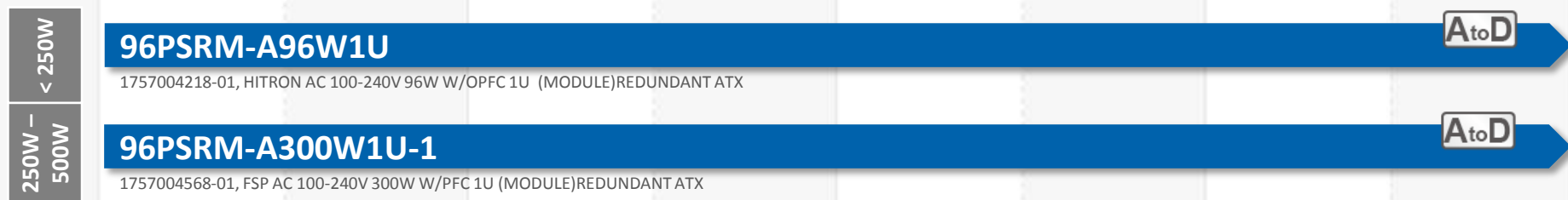
Redundant Power Supply– AC to DC



Mini Redundant



Redundant Module 1U



2H/2014

1H/2015

2H/2015

1H/2016

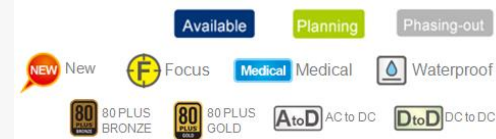
Q4/2014

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ADVANTECH

Redundant Power Supply–DC to DC

Redundant Module 1U



250W –
500W

96PSRM-D250W1U

1757004099-01, ZIPPY DC -48V 250W W/OPFC 1U (MODULE)REDUNDANT ATX

DtoD

501W+

96PSRM-D720W1U

1757004087-01, FSP DC -48V 720W W/OPFC 1U (MODULE)REDUNDANT ATX

DtoD

2H/2014

1H/2015

2H/2015

1H/2016

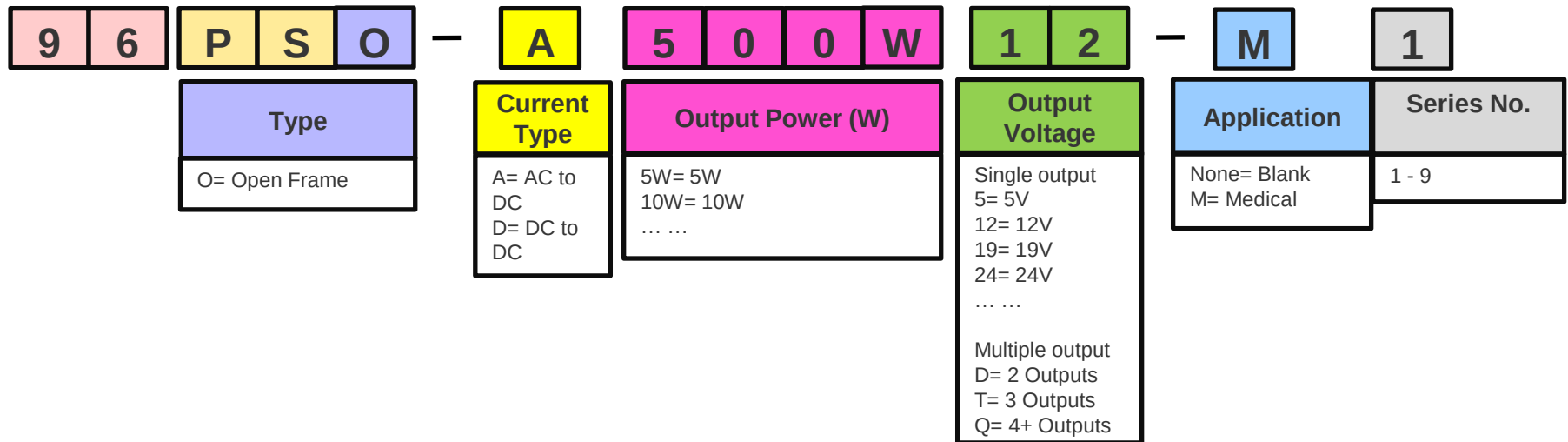
Q4/2014

Enabling an Intelligent Planet

ADVANTECH

Open Frame Power Supply Naming Convention

96 Part Number



Color / Symbol Key



Open Frame Power Supply – AC to DC

< 100W

101W-200W

96PSO-A40WD

1757003937, UNIVERSAL MICRO AC 90-264V 40W W/OPFC 2 Outputs OPEN FRAME

AtoD

96PSO-A60W12

1757003485, SINPRO AC 100-240V 60W W/OPFC OPEN FRAME

AtoD

96PSO-A60W24

1757000338, MAGGIE POWER AC 100-250V 60W W/OPFC OPEN FRAME

AtoD

96PSO-A120W12

1757004528-01, SKYNET AC 100-240V 120W W/PFC OPEN FRAME

AtoD

96PSO-A120W24

1757004251-01, ETASIS AC 100-240V 120W W/PFC OPEN FRAME

AtoD

96PSO-A120WQ

1757002341, ZIPPY AC 100-240V 120W W/PFC 4+ Outputs OPEN FRAME

AtoD

96PSO-A150W24

1757003825, SINPRO AC 100-240V 150W W/PFC OPEN FRAME

AtoD

96PSO-A150WQ

1757001886, FSP AC 100-240V 150W W/PFC 4+ Outputs OPEN FRAME

AtoD

96PSO-A150WQ-1

1757004285-01, FSP AC 100-240V 150W W/PFC 4+ Outputs OPEN FRAME

AtoD

96PSO-A150WQ-M

Medical

1757002642, MAGGIE POWER AC 100-240V 150W W/PFC 4+ Outputs OPEN FRAME

AtoD

96PSO-A200W12-M

Medical

1757004472-01, FSP AC 100-240V 200W W/PFC OPEN FRAM

AtoD

2H/2014

1H/2015

2H/2015

1H/2016

Q4/2014

Enabling an Intelligent Planet

ADVANTECH

Open Frame Power Supply – AC to DC

201W-300W

96PSO-A300W19-M

Medical

AtoD

1757003836, MAGGIE POWER AC 90-264V 300W W/PFC OPEN FRAME

96PSO-A400W19-M

Medical

AtoD

1757004559-01, DELTA AC 100-240V 400W W/PFC OPEN FRAME

<100W

96PSO-D30W24

DtoD

1757004524-01, MEAN WELL DC 36-72V 30W W/OPFC OPEN FRAME

96PSO-D30W24-1

DtoD

1757004410-01, MEAN WELL DC 18-36V 30W W/OPFC OPEN FRAME

101W-200W

96PSO-D120WQ

DtoD

1757003935, MAGGIE POWER DC 10-30V 120W W/OPFC 4+ Outputs OPEN FRAME

96PSO-D120WQ-1

DtoD

1757001928, MAGGIE POWER DC 10-30V 120W W/PFC 4+ Outputs OPEN FRAME

2H/2014

1H/2015

2H/2015

1H/2016

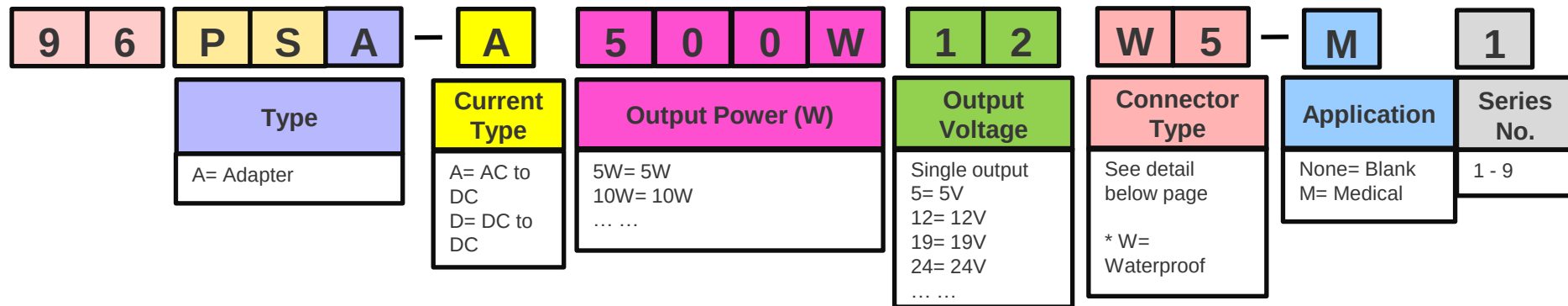
Q4/2014

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ADVANTECH

Adapter Power Supply Naming Convention

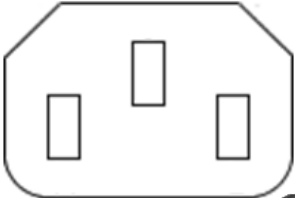
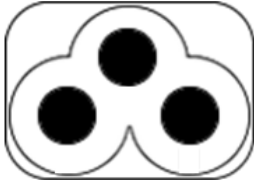
96 Part Number

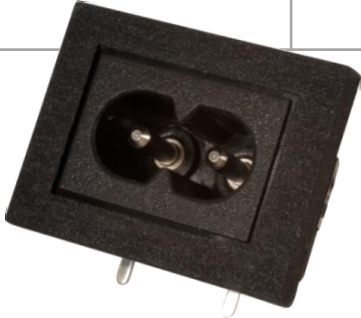


Color / Symbol Key

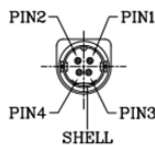
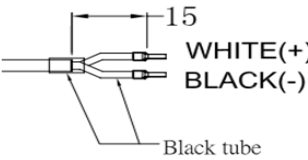
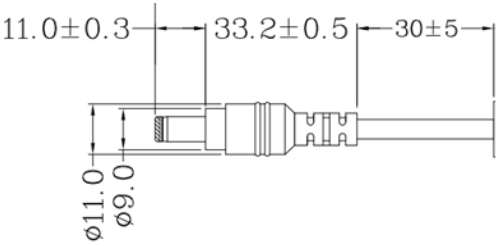
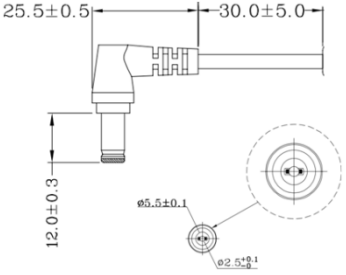


Adapter AC Inlet Types

IEC 320/C14 Inlet (Class I)	IEC 320/C8 Inlet (Class II)	IEC 320/C6 Inlet (Class I)
		



Adapter Power Connector Type

Type	Coding		Drawing
Power Din 3Pin	D	3	  Power DIN-4 Male Plug+ Lock Power DIN--4 pin, Male Plug+ Lock
Power Din 4Pin		4	
Cord End Terminal 1.7φ×1.4φ×6mm	T	Blank	 15 WHITE(+) BLACK(-) Black tube
Cord End Terminal 1.7φ×1.4φ×6mm With 2Pcs		2	
DC Plug 180° 5.5φ×2.5φ×11mm	V	1	 11.0±0.3 33.2±0.5 30±5 12.0±0.3 11.0 9.0 5.5±0.1 2.5±0.1
DC Plug 180° 5.5φ×2.5φ×11mm (Y type)		2	
DC Plug 180° 5.5φ×2.5φ×10mm		3	
DC Plug 180° 5.5φ×2.5φ×12mm		4	
DC Plug 180° 5.5φ×2.5φ×9.5mm		5	
DC Plug 90° 5.5φ×2.5φ×11mm	R	1	 25.5±0.5 30.0±5.0 12.0±0.3 5.5±0.1 2.5±0.1
DC Plug 90° 5.5φ×2.5φ×12mm		2	

Adapter Power Connector Type (Cont. I)

Type	Coding		Drawing
Housing Receptacle 2x2 Pitch 4.2x4.2mm Socket Contact Type	H	4	
Housing Receptacle 2x3 Pitch 4.2x4.2mm Socket Contact Type		6	
Pluggable Terminal Blocks Screw Model Plug Type With Fixed Screw 90° 1x2 Pitch 5mm	P	2	
Pluggable Terminal Blocks Screw Model Plug Type With Fixed Screw 90° 1x3 Pitch 5mm		3	
Pluggable Terminal Blocks Screw Model Plug Type With Fixed Screw 90° 1x4 Pitch 5mm		4	
Lockable Waterproof M12 Metal 5Pin	W or S	5	
Lockable DC Plug 180° 5.5φx2.5φx6.5mm		6	
Lockable DC Plug 180° 5.5φx2.5φx7.5mm		7	
Lockable DC Plug 180° 5.5φx2.5φx9.5mm		9	

Reference only

Adapter AC to DC

< 25W

25W-50W

51W-75W

96PSA-A15W5P2

1757004474-01, SINPRO AC 100-240V 15W 5V 3.3A W/OPFC ADAPTER

AtoD

96PSA-A15W5R2

1757004625-01, FSP AC 100-240V 15W 5V 3A W/OPFC ADAPTER

AtoD

96PSA-A20W5D4

1757004489-01, FSP AC 100-240V 20W 5V 4A W/OPFC ADAPTER

AtoD

96PSA-A30W12V5

1757004406-01, EDAC AC 100-240V 30W 12V 2.5A W/OPFC ADAPTER

AtoD

96PSA-A36W12P2

1757004473-01, FSP AC 100-240V 36W 12V 3A W/OPFC ADAPTER

AtoD

96PSA-A36W12W6

1757004096-01, FSP AC 100-240V 36W 12V 3A W/PFC ADAPTER

AtoD

96PSA-A40W12V3

1757004339-01, FSP AC 100-240V 40W 12V 3.33A W/OPFC ADAPTER

AtoD

96PSA-A40W12W9

1757004522-01, SINPRO AC 100-240V 40W 12V 3.33A W/OPFC ADAPTER

AtoD

96PSA-A45W12V1-M1 Medical

1757004253-01, SINPRO AC 100-240V 45W 12V 3.75A W/OPFC ADAPTER

AtoD

96PSA-A60W12D4

1757004593-01, FSP AC 100-240V 60W 12V 5A W/OPFC ADAPTER

AtoD

96PSA-A60W12H4

1757004512-01, FSP AC 100-240V 60W 12V 5A W/OPFC ADAPTER

AtoD

2H/2014

1H/2015

2H/2015

1H/2016

Q4/2014

Enabling an Intelligent Planet

ADVANTECH

Adapter AC to DC

51W-75W

96PSA-A60W12R1

1757003934, DELTA AC 100-240V 60W 12V 5A W/OPFC ADAPTER

AtoD

96PSA-A60W12W7

1757004349-01, DELTA AC 100-240V 60W 12V 5A W/OPFC ADAPTER



AtoD

96PSA-A60W19P2

1757000254, SINPRO AC 100-240V 60W 19V 3.15A W/PFC ADAPTER

AtoD

96PSA-A63W15V1-M

Medical

1757004210-01, SINPRO AC 100-240V 63W 15V 4.2A W/PFC ADAPTER

AtoD

96PSA-A63W18V1-M

Medical

1757003850, SINPRO AC 100-240V 63W 18V 3.5A W/PFC ADAPTER

AtoD

96PSA-A65W19V1

1757002943, FSP AC 100-240V 65W 19V 3.42A W/PFC ADAPTER

AtoD

96PSA-A65W19V2

1757004212-01, FSP AC 100-240V 65W 19V 3.42A W/OPFC ADAPTER

AtoD

96PSA-A65W19V4

1757004386-01, DELTA AC 100-240V 65W 19V 3.42A W/OPFC ADAPTER

AtoD

96PSA-A80W19P2

1757004595-01, SINPRO AC 100-240V 80W 19V 4.21A W/PFC ADAPTER

AtoD

96PSA-A80W24D4-M

Medical

1757000120, SINPRO AC 100-240V 80W 24V 3.33A W/PFC ADAPTER

AtoD

96PSA-A84W12D4

1757004165-01, FSP AC 100-240V 84W 12V 7A W/PFC ADAPTER

AtoD

96PSA-A84W12V1

1757004470-01, FSP AC 100-240V 84W 12V 7A W/PFC ADAPTER

AtoD

2H/2014

1H/2015

2H/2015

1H/2016

Q4/2014

Enabling an Intelligent Planet

ADVANTECH

Adapter AC to DC

76W-100W

101W-200W

96PSA-A84W12W6

1757004519-01, FSP AC 100-240V 84W 12V 7A W/PFC ADAPTER



96PSA-A90W19T2

1757003463, FSP AC 100-240V 90W 19V 4.74A W/PFC ADAPTER



96PSA-A100W18D4-M3

Medical

1757003851, SINPRO AC 100-240V 100W 18V 5.5A W/PFC ADAPTER



96PSA-A100W18D4-M1

Medical

1757001537, SINPRO AC 240V 100W 18V 5.55A W/PFC ADAPTER



96PSA-A100W18V4-M

Medical

1757004095-01, SINPRO AC 100-240V 100W 18V 5.5A W/PFC ADAPTER



96PSA-A100W12W9

1757004530-01, SINPRO AC 100-240V 100W 12V 8.33A W/PFC ADAPTER



96PSA-A120W19P4

1757004523-01, FSP AC 100-240V 120W 19V 6.32A W/PFC ADAPTER



96PSA-A130W19P4

1757004529-01, SINPRO AC 100-240V 130W 19V 6.84A W/PFC ADAPTER



96PSA-A150W12D4

1757004309-01, FSP AC 100-240V 150W 12V 12.5A W/PFC ADAPTER



96PSA-A150W19D4-M

Medical

1757004228-01, FSP AC 115-230V 150W 19V 7.9A W/OPFC ADAPTER



96PSA-A150W19P2

1757004597-01, FSP AC 100-240V 150W 19V 7.89A W/PFC ADAPTER



2H/2014

1H/2015

2H/2015

1H/2016

Q4/2014

Enabling an Intelligent Planet

ADVANTECH

Adapter AC to DC

100W-200W

96PSA-A180W24D4

1757004227-01, DELTA AC 110-240V 180W 24V 7.5A W/PFC ADAPTER

AtoD

96PSA-A200W24D3

1757004331-01, EDAC AC 100-240V 200W 24V 8.33A W/PFC ADAPTER

AtoD

201W+

96PSA-A220W24H6

1757004475-01, FSP AC 100-240V 220W 24V 9.16A W/PFC ADAPTER

AtoD

96PSA-A220W24P4

1757004518-01, FSP AC 100-240V 220W 24V 9.16A W/PFC ADAPTER

AtoD

Adapter DC to DC

76W-100W

96PSA-D90W18W5

1757004513-01, AMPEROR DC 10-32V 90W 18.5V 4.9A W/OPFC CAR ADAPTER

DtoD

96PSA-D90W18W5-1

1757004514-01, AMPEROR DC 10-32V 90W WITH 12V RELAY W/OPFC CAR ADAPTER

DtoD

96PSA-D90W18W5-2

1757004515-01, AMPEROR DC 10-32V 90W WITH 24V RELAY W/OPFC CAR ADAPTER

DtoD

2H/2014

1H/2015

2H/2015

1H/2016

Q4/2014

Enabling an Intelligent Planet

ADVANTECH

Thank you

