

HIGH POWER CATALOG

Index

- 1U 400 ~ 600w Single / Redundant PSU
- 2U 400 ~ 700w Single / Redundant PSU
- 4U 400 ~ 800w Single / Redundant PSU



Series	Model Name	Wattage	Dimension W x H x D (mm)	Page
1U Single	AS-1U40ES	400	100 x 40.5 x 200	3
	AS-1U46ES	460	100 x 40.5 x 200	3
	AS-1U52ES	520	100 x 40.5 x 200	3
	AS-1U60EL	600	100 x 40.5 x 225	4
1U Redundant 1+1	AR1J-250I1H2A0	250	106 x 41.5 x 260	5
	AR1J-300I1H2A0	300	106 x 41.5 x 260	5
	AR1J-350I1H2A0	350	106 x 41.5 x 260	5
	AR1J-400I1H2A0	400	106 x 41.5 x 260	5
2U Single	AS-2U40ES	400	100 x 70 x 200	6
	AS-2U50ES	500	100 x 70 x 200	6
	AS-2U60EL	600	100 x 70 x 225	7
	AS-2U70EL	700	100 x 70 x 225	7
	AR2A-460D1V2	460	101 x 84 x 265	8
	AR2A-500D1V2	500	101 x 84 x 265	8
	AR2A-550D1V2	550	101 x 84 x 265	8
	AR2A-600D1V2	600	101 x 84 x 265	8
	AR2A-650D1V2	650	101 x 84 x 265	8
	AR2A-700D1V2	700	101 x 84 x 265	8
	APS1A22Y050	500	101 x 84 x 265	9
	APS1A22Y060	600	101 x 84 x 265	9
	APS1A22Y070	700	101 x 84 x 265	9
2U Redundant 1+1				

Series	Model Name	Wattage	Dimension W x H x D (mm)	Page
4U(PSII) Single	APS1D41Y040	400	150 x 86 x 140	10
	APS1D41Y050	500	150 x 86 x 140	10
	APS1D41Y060	600	150 x 86 x 140	10
4U Redundant 1+1	AR4S-400G1V2	400	150 x 86 x 174	11
	AR4S-500G1V2	500	150 x 86 x 174	11
	AR4B-500G1V2	500	150 x 86 x 199	12
	AR4B-600G1V2	600	150 x 86 x 199	12
	AR4B-700G1V2	700	150 x 86 x 199	12
	AR4B-800G1V2	800	150 x 86 x 199	12



Features

- ⊗ OPERATION TEMPERATURE: 0°C~45°C.
- ⊗ EFFICIENCY: TYPICAL > 80% AT 115VAC FULL LOAD.
- ⊗ OUTPUT PROTECTION: OPP/OVP/SCP/OCF.
- ⊗ MEET RoHS CE CONFORMITY.
- ⊗ REMOTE ON/OFF CONTROL.
- ⊗ POWER GOOD SIGNAL.

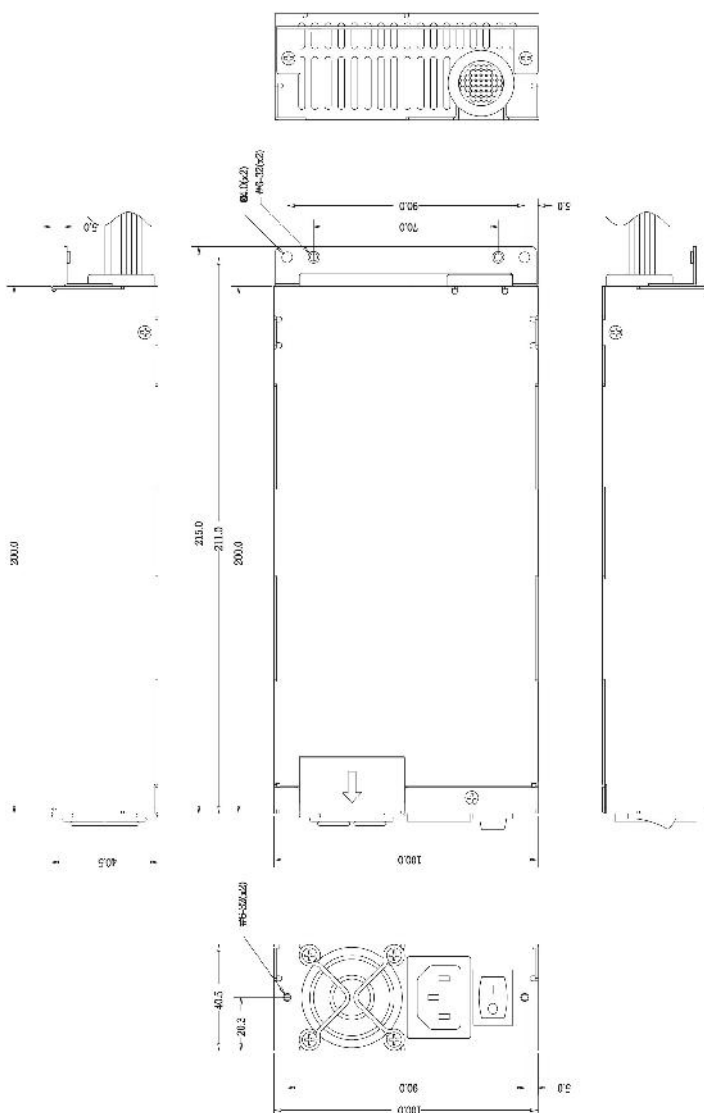
AS-1U40ES / AS1U46ES
AS-1U52ES

- ▶ Dimensions: 100 x 40.5 x 200mm
- ▶ Total watts: 400W/460W/520W

INPUT SPECIFICATIONS	
Input voltage	100 - 240 Vac
Input frequency	50 - 60Hz
Input current	8 - 4A
Inrush current	115V/35A, 230V/55A
Power Factor	115V/0.98, 230V/0.95(full load)

OUTPUT SPECIFICATIONS	
+3.3V	25A
+5V	25A
+12V	32A / 34A / 40A
-12V	0.8A
+5Vsb	3.5A

+3.3V and +5V total output max. 160W/160W/170W.



1U Single

1U Single



Features

- ⊗ OPERATION TEMPERATURE: 0°C~45°C.
- ⊗ EFFICIENCY: TYPICAL > 80% AT 115VAC FULL LOAD.
- ⊗ OUTPUT PROTECTION: OPP/OVP/SCP/OCF.
- ⊗ MEET RoHS CE CONFORMITY.
- ⊗ REMOTE ON/OFF CONTROL.
- ⊗ POWER GOOD SIGNAL.

AS-1U60EL

- ▶ Dimensions: 100 x 40.5 x 225mm
- ▶ Total watts: 600W

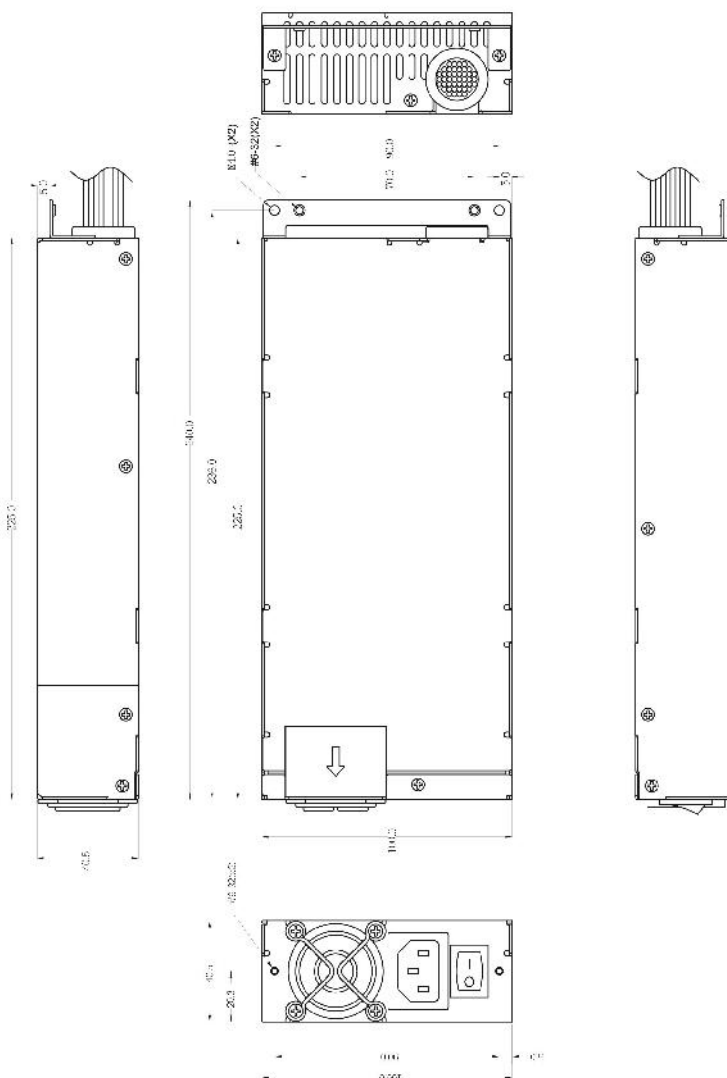
INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	50 - 60Hz
Input current	10 - 5A
Inrush current	115V/35A, 230V/55A
Power Factor	115V/0.98, 230V/0.95(full load)

OUTPUT SPECIFICATIONS

+3.3V	25A
+5V	25A
+12V	48A
-12V	0.8A
+5Vsb	3.5A

+3.3V and +5V total output max. 180W



1U Redundant

1U Redundant



Features

- ⊗ OPERATION TEMPERATURE: 0°C~45°C.
- ⊗ EFFICIENCY: TYPICAL > 80% AT 115VAC FULL LOAD.
- ⊗ OUTPUT PROTECTION: OPP/OVP/SCP/OCF.
- ⊗ FAULTY ALARM METHODS : LED, BUZZER, TTL SIGNAL.
- ⊗ MEET RoHS CE CONFORMITY.
- ⊗ TTL SIGNAL
- ⊗ POWER GOOD SIGNAL.

AR1J-250I1H2A0 / AR1J-300I1H2A0
AR1J-350I1H2A0 / AR1J-400I1H2A0

- ▶ Dimensions: 106 x 41.5 x 260mm
- ▶ Total watts: 250W/300W/350W/400W

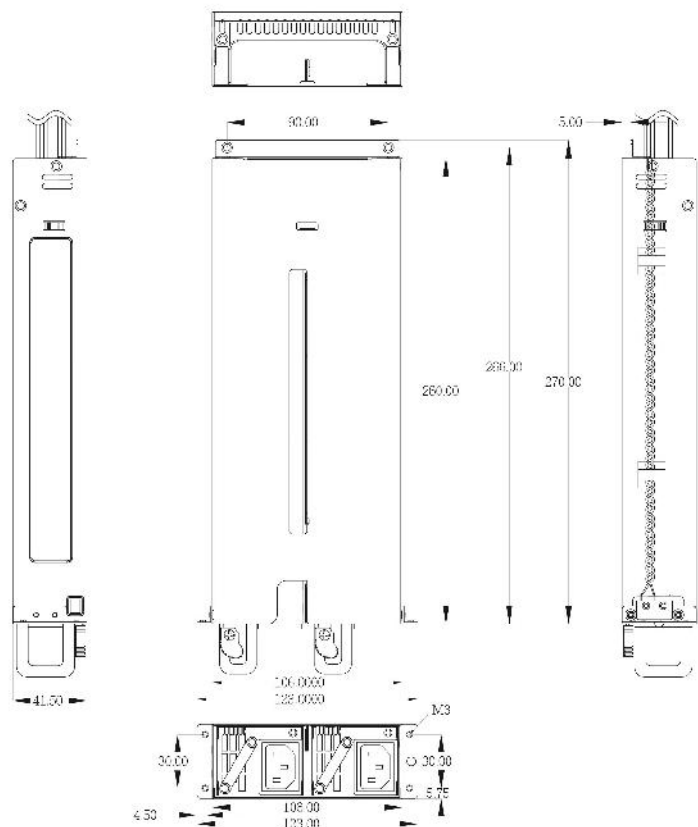
INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	47 - 63Hz
Input current	7-3A
Inrush current	115V/25A, 230V/50A
Power Factor	115V/0.98, 230V/0.95(full load)

OUTPUT SPECIFICATIONS

+3.3V	20A
+5V	20A
+12V	20A/ 24A / 28A/32A
-12V	0.5A
+5Vsb	2A/2A/3A/3A

+3.3V and +5V total output max. 135W/140W/145W /150W.



2U Single



AS-2U40ES / AS-2U50ES

- Dimensions: 100 x 70 x 200mm
- Total watts: 400W / 500W

INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	50- 60Hz
Input current	8 - 4A
Inrush current	115V/35A, 230V/55A
Power Factor	115V/0.98, 230V/0.95(full load)

OUTPUT SPECIFICATIONS

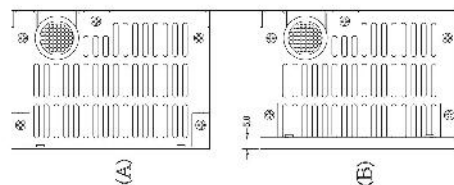
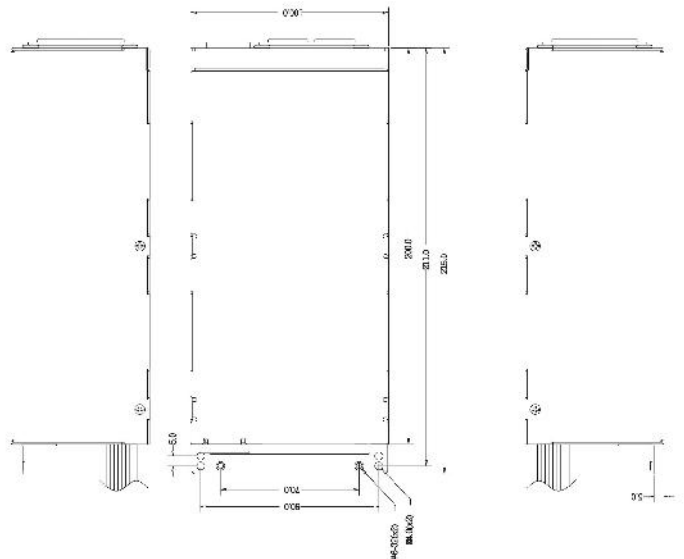
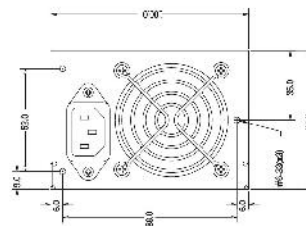
+3.3V	25A
+5V	25A
+12V	32A / 40A
-12V	0.8A
+5Vsb	3.5A

+3.3V and +5V total output max. 160W/170W.



Features

- ⊕ OPERATION TEMPERATURE: 0°C~45°C.
- ⊕ EFFICIENCY: TYPICAL > 80% AT 115VAC FULL LOAD.
- ⊕ OUTPUT PROTECTION: OPP/OVP/SCP/OC.
- ⊕ MEET RoHS CE CONFORMITY.
- ⊕ REMOTE ON/OFF CONTROL.
- ⊕ POWER GOOD SIGNAL.



Features

- ⊗ OPERATION TEMPERATURE: 0°C~45°C.
- ⊗ EFFICIENCY: TYPICAL > 80% AT 115VAC FULL LOAD
- ⊗ OUTPUT PROTECTION: OPP/OVP/SCP.
- ⊗ MEET RoHS CE CONFORMITY.
- ⊗ REMOTE ON/OFF CONTROL.
- ⊗ POWER GOOD SIGNAL.



AS-2U60EL / AS-2U70EL

- ▶ Dimensions: 100 x 70 x 225mm
- ▶ Total watts: 600W / 700W

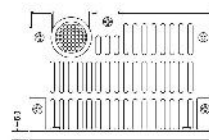
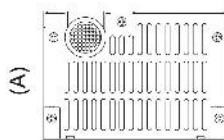
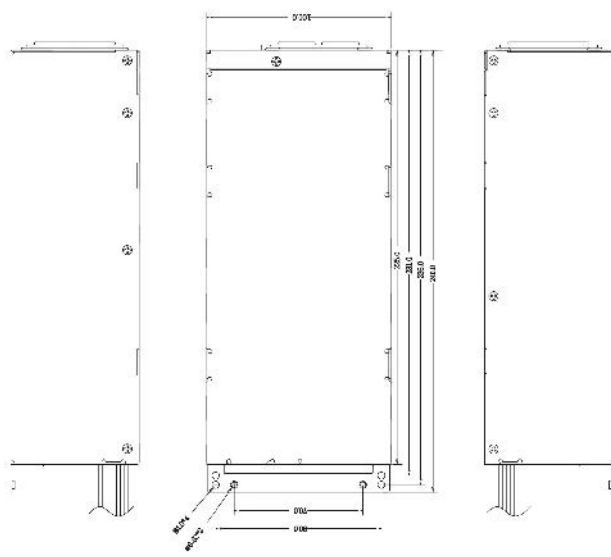
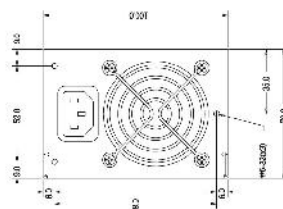
INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	50- 60Hz
Input current	10 - 5A
Inrush current	115V/40A, 230V/60A
Power Factor	115V/0.98, 230V/0.95(full load)

OUTPUT SPECIFICATIONS

+3.3V	25A
+5V	25A
+12V	48A / 56A
-12V	0.8A
+5Vsb	3.5A

+3.3V and +5V total output max. 180W/180W.



(B)
Standard

2U Redundant



AR2A-460D1V2 / AR2A-500D1V2 / AR2A-500D1V2
AR2A-600D1V2 / AR2A-650D1V2 / AR2A-700D1V2

- Dimensions: 101 x 84 x 265mm
- Total watts: 460/500/550/600/650/700W

INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	47- 63Hz
Input current	10 - 5A (460~650W)
Input current	12 - 6A (700W)
Inrush current	25A - 50A (460~650W)
Inrush current	30A - 60A (700W)
Power Factor	115V/0.98, 230V/0.95(full load)

OUTPUT SPECIFICATIONS

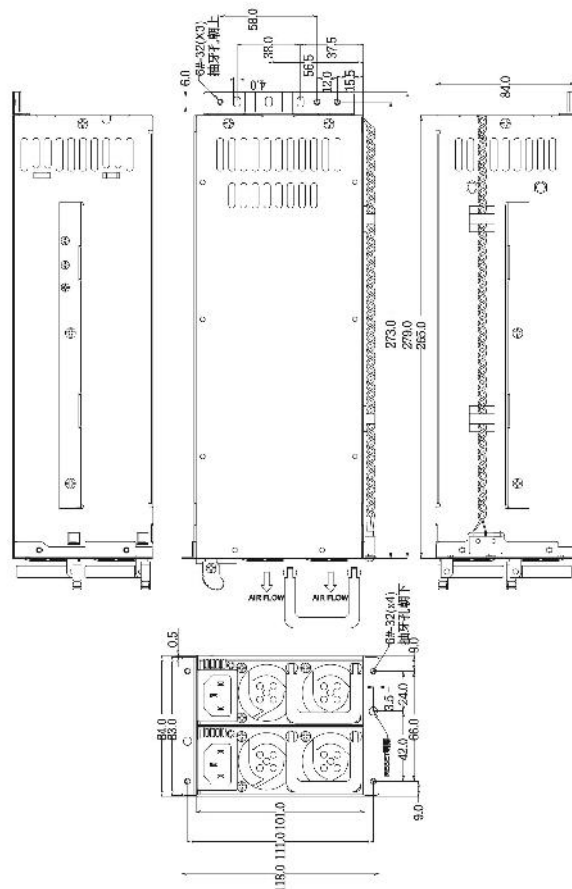
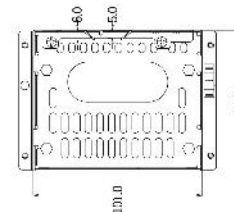
+3.3V	25A
+5V	25A
+12V	36A/40A/45A/49A/53A/57A
-12V	1A
+5Vsb	3A/3.5A/3.5A/3.5A/3.5A/3.5A

+3.3V and +5V total output max. 170W/170W/
180W/180W/180W/190W.



Features

- ⊗ OPERATION TEMPERATURE: 0°C~40°C.
- ⊗ EFFICIENCY: TYPICAL > 80% AT 115VAC FULL LOAD.
- ⊗ OUTPUT PROTECTION: OPP/OVP/SCP/OC
- ⊗ FAULTY ALARM METHODS : LED, BUZZER, TTL SIGNAL.
- ⊗ POWER GOOD SIGNAL.
- ⊗ MEET RoHS CE CONFORMITY.



Features

- ⊗ AC to DC
- ⊗ ACTIVE POWER FACTOR CORRECTION.
- ⊗ UNDER VOLTAGE PROTECTION.
- ⊗ OVER VOLTAGE PROTECTION.
- ⊗ OVER CURRENT PROTECTION.
- ⊗ OVER TEMPERATURE PROTECTION.
- ⊗ SHORT CIRCUIT PROTECTION.
- ⊗ OPERATION TEMPERATURE: 0°C~50°C.
- ⊗ OPERATION ALTITUDE: UP to 5000M.
- ⊗ EFFICIENCY: TYPICAL > 87%.



APS1A22Y050 / APS1A22Y060
APS1A22Y070

- ▶ Dimensions: 101 x 84 x 265mm
- ▶ Total watts: 500/600/700W

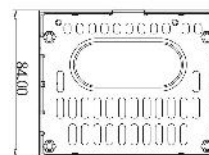
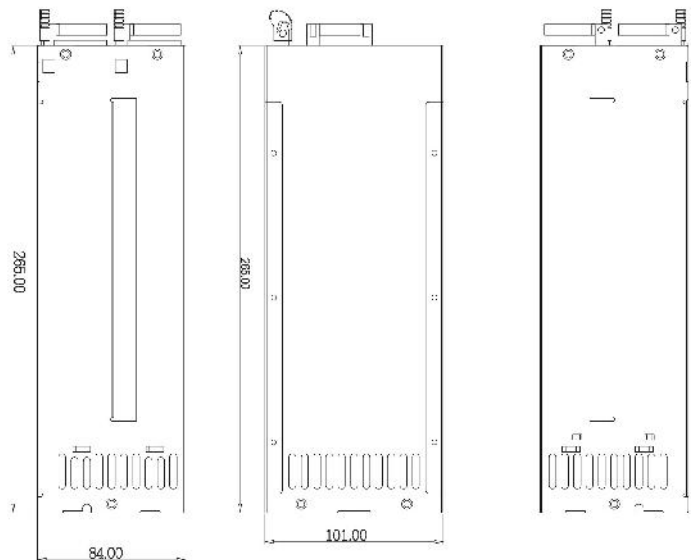
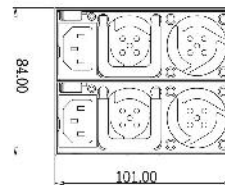
INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	47 - 63Hz
Input current	10 - 5A
Inrush current	115V/40A, 230V/70A
Power Factor	115V/0.98, 230V/0.95

OUTPUT SPECIFICATIONS

+3.3V DC	25A
+5V DC	25A
+12V DC	41A/49A/58A
-12V DC	0.5A
+5Vsb	3A

The combined total power from 5V and 3.3V shall not exceed 150W.



4U PSII Single



Features

- ⊗ AC to DC
- ⊗ ACTIVE POWER FACTOR CORRECTION.
- ⊗ UNDER VOLTAGE PROTECTION.
- ⊗ OVER VOLTAGE PROTECTION.
- ⊗ OVER CURRENT PROTECTION.
- ⊗ OVER TEMPERATURE PROTECTION.
- ⊗ SHORT CIRCUIT PROTECTION.
- ⊗ OPERATION TEMPERATURE: 0°C~50°C.
- ⊗ EFFICIENCY: TYPICAL>82%.

APS1D41Y040 / APS1D41Y050 /
APS1D41Y060

- ▶ Dimensions: 150 x 86 x 140mm
- ▶ Total watts: 400/500/600W

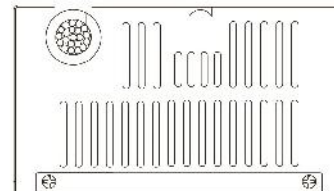
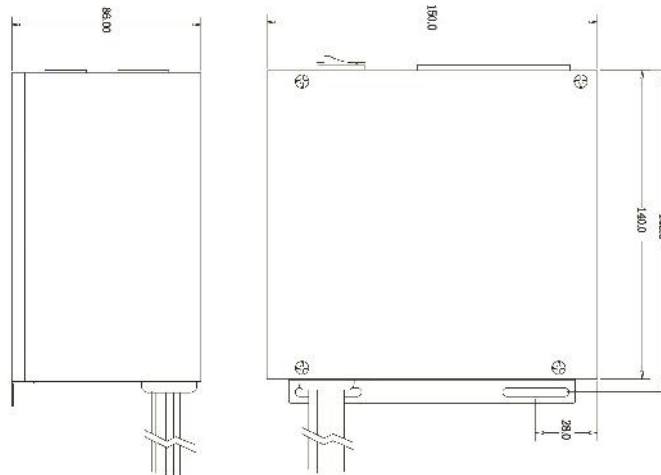
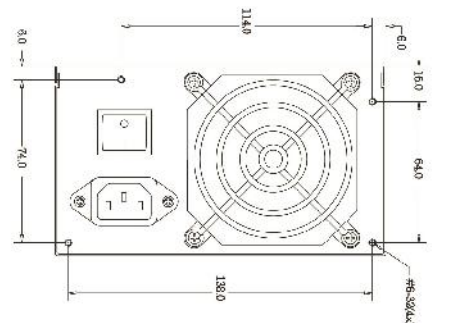
INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	47 - 63Hz
Input current	10 - 5A
Inrush current	115V/25A, 230V/50A
Power Factor	115V/0.98, 230V/0.95

OUTPUT SPECIFICATIONS

+3.3V	25A
+5V	25A
+12V	33A/41A/49A
-12V	0.8A
+5Vsb	3A

+3.3V and +5V total output max. 170W/170W/180W.



4U PSII Single



Features

- ⊗ OPERATION TEMPERATURE: 0°C~50°C.
- ⊗ MAX. OPERATIONING ALTITUDE: 5000M.
- ⊗ EFFICIENCY: TYPICAL > 80% AT 115VAC FULL LOAD.
- ⊗ OUTPUT PROTECTION: OPP/OVP/SCP/OC.
- ⊗ MEET RoHS CE CONFORMITY.
- ⊗ REMOTE ON/OFF CONTROL.
- ⊗ POWER GOOD SIGNAL.

AR4S-400G1V2 / AR4S-500G1V2

- ▶ Dimensions: 150 x 86 x 174mm
- ▶ Total watts: 400 / 500 W

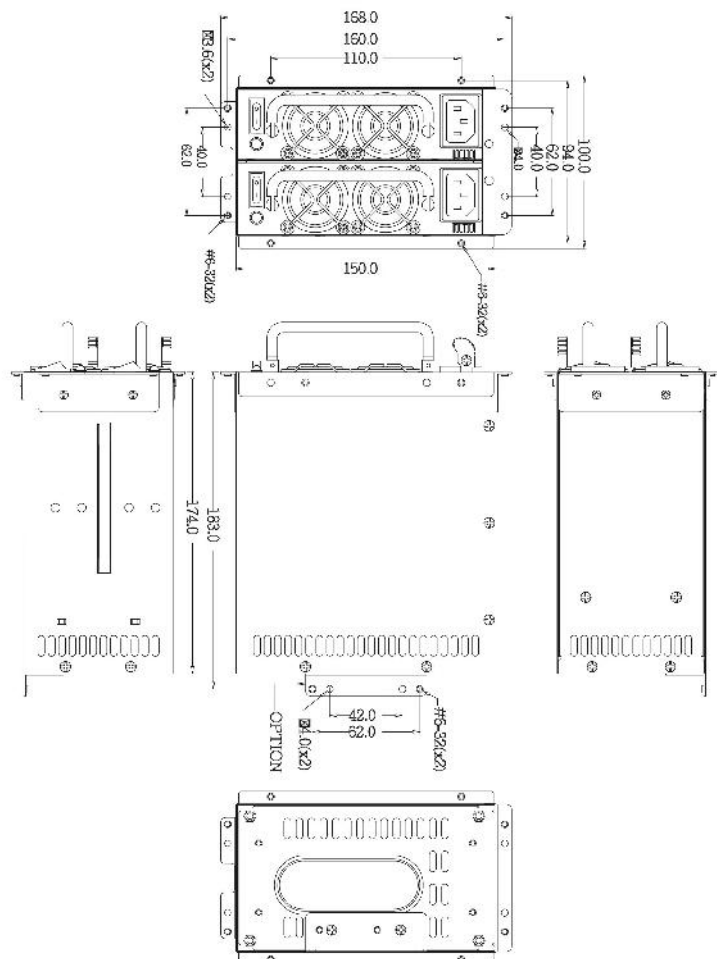
INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	47- 63Hz
Input current	8 - 4A
Inrush current	115V/25A, 230V/50A
Power Factor	115V/0.98, 230V/0.95(full load)

OUTPUT SPECIFICATIONS

+3.3V	25A
+5V	25A
+12V	33A / 41A
-12V	0.8A
+5Vsb	3.5A

+3.3V and +5V total output max. 170W/170W.





Features

- ⊗ OPERATION TEMPERATURE: 0°C~50°C.
- ⊗ MAX. OPERATION ALTITUDE: 5000M
- ⊗ EFFICIENCY: TYPICAL > 80% AT 115VAC FULL LOAD.
- ⊗ OUTPUT PROTECTION: OPP/OVP/SCP/OC
- ⊗ FAULTY ALARM METHODS : LED, BUZZER, TTL SIGNAL.
- ⊗ REMOTE ON/OFF CONTROL.
- ⊗ POWER GOOD SIGNAL.
- ⊗ MEET RoHS CE CONFORMITY.

AR4B-500G1V2 AR4B-700G1V2
AR4B-600G1V2 AR4B-800G1V2

- ▶ Dimensions: 150 x 86 x 199mm
- ▶ Total watts: 500/600/700/800W

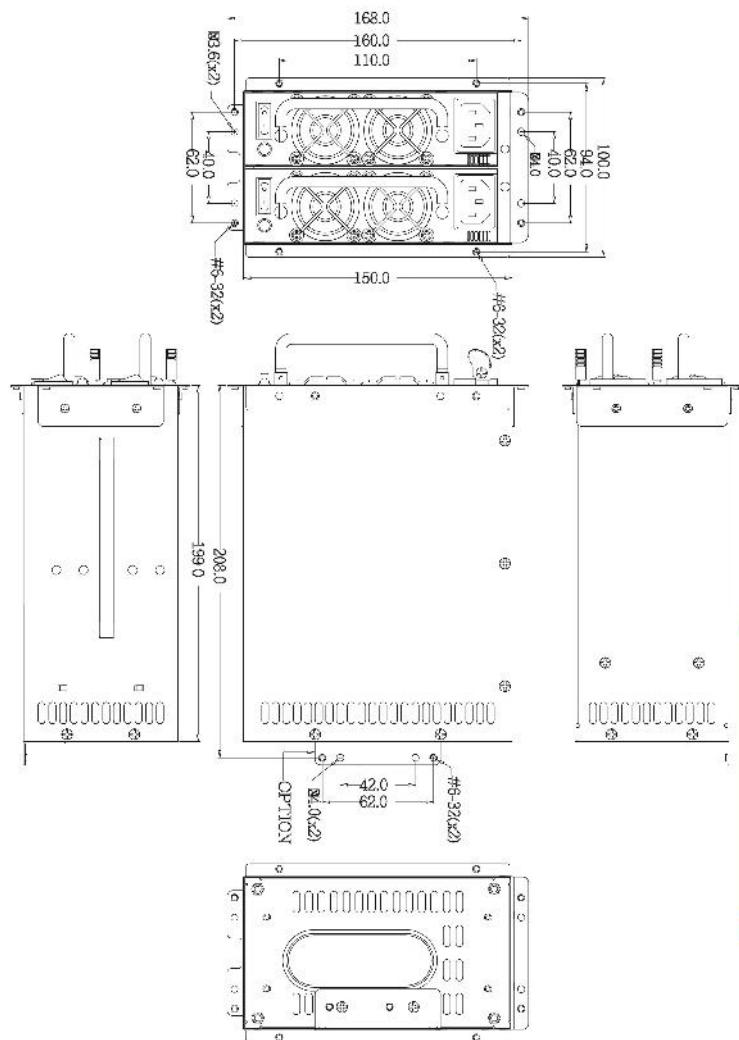
INPUT SPECIFICATIONS

Input voltage	100 - 240Vac
Input frequency	47- 63Hz
Input current	10-5A(500/600W)
Input current	12-6A(700/800W)
Inrush current	115V/25A, 230V/50A(500/600W)
Inrush current	115V/30A, 230V/60A(700/800W)
Power Factor	115V/0.98, 230V/0.95(full load)

OUTPUT SPECIFICATIONS

+3.3V	25A/25A/32A/32A
+5V	25A/25A/32A/32A
+12V	41A/49A/57A/65A
-12V	0.8A
+5Vsb	3.5A

+3.3V and +5V total output max. 170W/180W/190W/190W.



4U Mini Redundant