



# MILITARY POWER MODULE



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# 360W DC-DC Military Power Module

DC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Input Voltage	VDC	155-425
Output Voltage	VDC	12
Output Current (continuous)	A	30
Output Wattage (continuous)	W	360
Efficiency (Full Load)	%	91
Output Voltage Regulation	V	~0.8
Max. Output Current	A	33.3
Max. Wattage	W	400
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	110
Overvoltage Protection	%	10
Overcurrent Protection	%	10
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +135°C
Cooling	-	Conduction
Weight	gr	~280
Size (LxWxH)	mm	119 x 63 x 13

## Features

- Input Voltage: 155-425 VDC
- Output Voltage: 12 VDC
- Output Power: 360 Watt
- Efficiency: %91
- Dimensions: 119 x 63 x 13 mm
- Power Density: 70 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

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# 600W DC-DC Military Power Module

DC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Input Voltage	VDC	155-425
Output Voltage	VDC	24
Output Current (continuous)	A	25
Output Power (continuous)	W	600
Efficiency (Full Load)	%	92
Output Voltage Regulation	V	~0.8
Max. Output Current	A	28
Max. Wattage	W	670
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	110
Overvoltage Protection	%	10
Overcurrent Protection	%	10
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +135°C
Cooling	-	Conduction
Weight	gr	~280
Size (LxWxH)	mm	119 x 63 x 13

## Features

- Input Voltage: 155-425 VDC
- Output Voltage: 24 VDC
- Output Power: 600 Watt
- Efficiency: %92
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

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# 600W DC-DC Military Power Module

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## Specifications

DESCRIPTION	UNIT	VALUE
Input Voltage	VDC	250-425
Output Voltage	VDC	28
Output Current (continuous)	A	21.5
Output Wattage (continuous)	W	600
Efficiency (Full Load)	%	92
Output Voltage Regulation	V	~0.8
Max. Output Current	A	25
Max. Wattage	W	670
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	110
Overvoltage Protection	%	10
Overcurrent Protection	%	10
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +135°C
Cooling	-	Conduction
Weight	gr	~280
Size (LxWxH)	mm	119 x 63 x 13

## Features

- Input Voltage: 250-425 VDC
- Output Voltage: 28 VDC
- Output Power: 600 Watt
- Efficiency: %92
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

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# 600W DC-DC Military Power Module

DC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Input Voltage	VDC	250-425
Output Voltage	VDC	48
Output Current (continuous)	A	13
Output Wattage (continuous)	W	600
Efficiency (Full Load)	%	93
Output Voltage Regulation	V	~0.8
Max. Output Current	A	15
Max. Wattage	W	720
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	110
Overvoltage Protection	%	10
Overcurrent Protection	%	10
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +135°C
Cooling	-	Conduction
Weight	gr	~280
Size (LxWxH)	mm	119 x 63 x 13

## Features

- Input Voltage: 250- 425 VDC
- Output Voltage: 48 VDC
- Output Power: 600 Watt
- Efficiency: %93
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

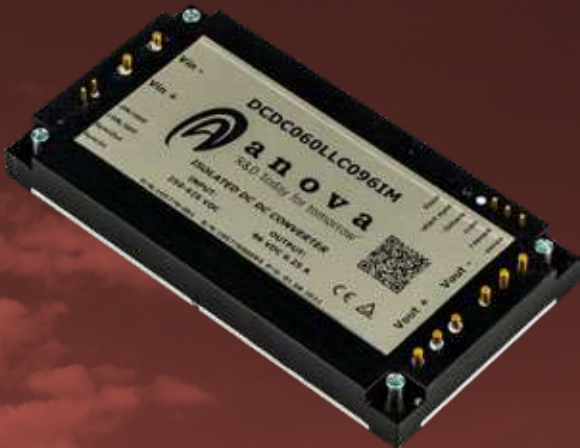
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# 600W DC-DC Military Power Module

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## Specifications

DESCRIPTION	UNIT	VALUE
Input Voltage	VDC	250-425
Output Voltage	VDC	96
Output Current (continuous)	A	6.5
Output Wattage (continuous)	W	600
Efficiency (Full Load)	%	93
Output Voltage Regulation	V	~0.8
Max. Output Current	A	8
Max. Wattage	W	750
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	110
Overvoltage Protection	%	10
Overcurrent Protection	%	10
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +135°C
Cooling	-	Conduction
Weight	gr	~280
Size (LxWxH)	mm	119 x 63 x 13

## Features

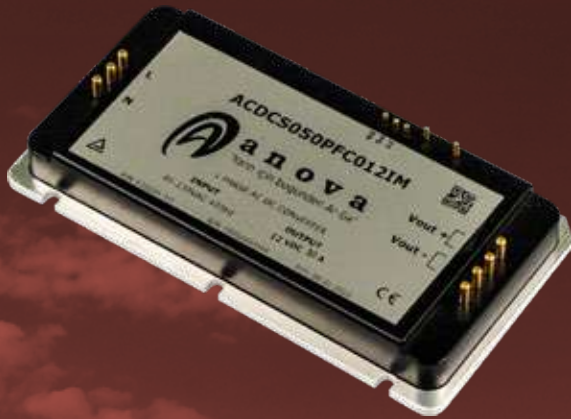
- Input Voltage: 250-425 VDC
- Output Voltage: 96 VDC
- Output Power: 600 Watt
- Efficiency: %93
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

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# 360W 1 PHASE AC-DC Military Power Module

AC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Number of Phase	-	1
Input Voltage	VAC/Hz	85-135 VAC, 50-60, 380-420 Hz
Output Voltage	VDC	12
Output Current (continious)	A	30
Output Wattage (continious)	W	360
Efficiency (Full Load)	%	>88
Inrush Current	A	~16 A peak
THD (Total Harmonic Distortion)	%	< 5
Power Factor	-	0.99 minimum
Output Voltage Regulation	V	~0.8
Max. Output Current	A	33.3
Max. Wattage	W	400
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	100
Overvoltage Protection	%	25
Overcurrent Protection	%	22
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +100°C
Cooling	-	Conduction
Weight	gr	~280
Size (LxWxH)	mm	116 x 62 x 12.7

## Features

- Input Voltage: 85-135 VAC
- Input Frequency: 47-63, 380-420 Hz
- Output Voltage: 12 VDC
- Output Power: 360 Watt
- Efficiency: %91
- Dimensions: 119 x 63 x 13 mm
- Power Density: 70 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

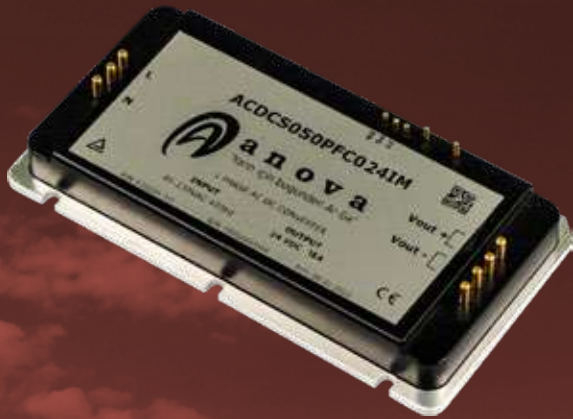
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# 600W 1 PHASE AC-DC Military Power Module

AC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Number of Phase	-	1
Input Voltage	VAC/Hz	85-135 VAC, 47-63, 380-420 Hz
Output Voltage	VDC	24
Output Current (continious)	A	21
Output Wattage (continious)	W	500
Efficiency (Full Load)	%	>88
Inrush Current	A	~16 A peak
THD (Total Harmonic Distortion)	%	< 5
Power Factor	-	0.99 minimum
Output Voltage Regulation	V	~0.8
Max. Output Current	A	25
Max. Wattage	W	600
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	100
Overvoltage Protection	%	25
Overcurrent Protection	%	22
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +100°C
Cooling	-	Conduction
Weight	gr	~230
Size (LxWxH)	mm	116 x 62 x 12.7

## Features

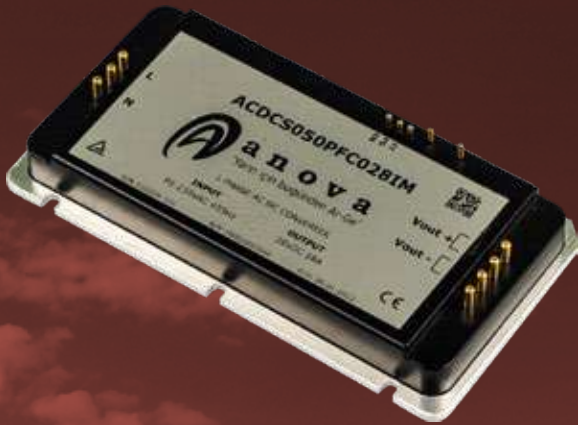
- Input Voltage: 85-135 VAC
- Input Frequency: 47-63, 80-420 Hz
- Output Voltage: 24 VDC
- Output Voltage: 600 Watt
- Efficiency: %92
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

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# 600W 1 PHASE AC-DC Military Power Module

AC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

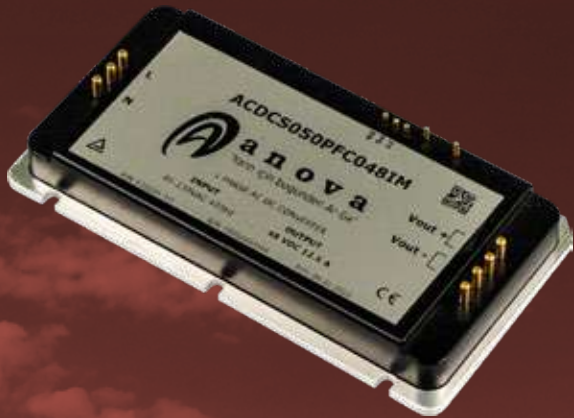
DESCRIPTION	UNIT	VALUE
Number of Phase	-	1
Input Voltage	VAC/Hz	85-135 VAC, 47-63, 380-420 Hz
Output Voltage	VDC	28
Output Current (continuous)	A	18.6
Output Wattage (continuous)	W	500
Efficiency (Full Load)	%	>90
Inrush Current	A	~16 A peak
THD (Total Harmonic Distortion)	%	< 5
Power Factor	-	0.99 minimum
Output Voltage Regulation	V	~0.8
Max. Output Current	A	22
Max. Wattage	W	600
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	100
Overvoltage Protection	%	25
Overcurrent Protection	%	22
Mil-Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +100°C
Cooling	-	Conduction
Weight	gr	~230
Size (LxWxH)	mm	116 x 62 x 12.7

## Features

- Input Voltage: 85-135 VAC
- Input Frequency: 47-63, 380-420 Hz
- Output Voltage: 28 VDC
- Output Voltage: 600 Watt
- Efficiency: %90
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

# 600W 1 PHASE AC-DC Military Power Module

AC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Number of Phase	-	1
Input Voltage	VAC/Hz	85-135 VAC, 47-63, 380-420 Hz/48
Output Voltage	VDC	12.5
Output Current (continious)	A	600
Output Wattage (continious)	W	>90
Efficiency (Full Load)	%	~16 A peak
Inrush Current	A	< 5
THD (Total Harmonic Distortion)	%	0.99 minimum
Power Factor	-	~0.8
Output Voltage Regulation	V	15
Max. Output Current	A	720
Max. Wattage	W	Yes
Series Operation	-	Yes
Parallel Operation	-	Low
Power On Signal (Enable)	-	High
Remote On/Off	-	100
Overtemperature Protection	-	25
Overvoltage Protection	%	22
Overcurrent Protection	%	Yes
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		-55 to +100°C
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	Conduction
Cooling	-	~230
Weight	gr	116 x 62 x 12.7
Size (LxWxH)	mm	

## Features

- Input Voltage: 85-135 VAC
- Input Frequency: 47-63, 380-420 Hz
- Output Voltage: 48 VDC
- Output Voltage: 600 Watt
- Efficiency: %90
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F





## 600W 3 PHASE AC-DC Military Power Module

AC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Number of Phase	-	3
Input Voltage	VAC/Hz	85-135 VAC, 47-63, 380-420 Hz
Output Voltage	VDC	24
Output Current (continious)	A	21
Output Wattage (continious)	W	500
Efficiency (Full Load)	%	>88
Inrush Current	A	~16 A peak
THD (Total Harmonic Distortion)	%	<22
Power Factor	-	0.96 minimum
Output Voltage Regulation	V	~0.8
Max. Output Current	A	25
Max. Wattage	W	600
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	100
Overvoltage Protection	%	25
Overcurrent Protection	%	22
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +100°C
Cooling	-	Conduction
Weight	gr	~230
Size (LxWxH)	mm	116 x 62 x 12.7

## Features

- Input Voltage: 85-135 VAC
- Input Frequency: 47-63, 80-420 Hz
- Output Voltage: 24 VDC
- Output Voltage: 600 Watt
- Efficiency: %92
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F

# 600W 3 PHASE AC-DC Military Power Module

AC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Number of Phase	-	3
Input Voltage	VAC/Hz	85-135 VAC, 47-63, 380-420 Hz
Output Voltage	VDC	28
Output Current (continious)	A	18.6
Output Wattage (continious)	W	500
Efficiency (Full Load)	%	>90
Inrush Current	A	~16 A peak
THD (Total Harmonic Distortion)	%	<22
Power Factor	-	0.96 minimum
Output Voltage Regulation	V	~0.8
Max. Output Current	A	22
Max. Wattage	W	600
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	100
Overvoltage Protection	%	25
Overcurrent Protection	%	22
Mil- Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +100°C
Cooling	-	Conduction
Weight	gr	~230
Size (LxWxH)	mm	116 x 62 x 12.7

## Features

- Input Voltage: 85-135 VAC
- Input Frequency: 47-63, 380-420 Hz
- Output Voltage: 28 VDC
- Output Voltage: 600 Watt
- Efficiency: %90
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F



# 600W 3 PHASE AC-DC Military Power Module

AC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standart Dimensions and interfaces. High power density modules with internal protection features.



## Specifications

DESCRIPTION	UNIT	VALUE
Number of Phase	-	3
Input Voltage	VAC/Hz	85-135 VAC, 47-63, 380-420 Hz
Output Voltage	VDC	48
Output Current (continuous)	A	12.5
Output Wattage (continuous)	W	600
Efficiency (Full Load)	%	>90
Inrush Current	A	~16 A peak
THD (Total Harmonic Distortion)	%	<22
Power Factor	-	0.96 minimum
Output Voltage Regulation	V	~0.8
Max. Output Current	A	15
Max. Wattage	W	720
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	Low
Remote On/Off	-	High
Overtemperature Protection	-	100
Overvoltage Protection	%	25
Overcurrent Protection	%	22
Mil-Std-461F		Yes
Mil-Std-810G		Yes
Mil-Std-704F		Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +100°C
Cooling	-	Conduction
Weight	gr	~230
Size (LxWxH)	mm	116 x 62 x 12.7

## Features

- Input Voltage: 85-135 VAC
- Input Frequency: 47-63, 380-420 Hz
- Output Voltage: 48 VDC
- Output Voltage: 600 Watt
- Efficiency: %90
- Dimensions: 119 x 63 x 13 mm
- Power Density: 120 Watt/Inch<sup>3</sup>
- Input / Output Isolation: 4kV
- Series, Paralel
- Qualification Tests :  
MIL-STD461/F, MIL-STD810-G,  
MIL-STD704/F



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## Anova Merkez Ofis

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Mustafa Kemal Mahallesi  
Dumlupınar Bulvarı  
Bina No: 280 B Blok No: 16  
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## Fabrika

Ankara Sanayi Odası  
1. OSB, Babürşah Caddesi, No: 10  
06935 Sincan / ANKARA

