

SELECTION GUIDE

SWITCH MODE POWER SUPPLY

Unit type

Single Output

●AD Series

F: Forced Air C: Convection () : Peak

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V / 170V~264V	AD240-24	24	10	240
	AD480-24	F	20 (25)	480 (600)
C		12 (25)	288 (600)	
AC 170V~264V DC240V~370V	AD960-24	F	40	960
		C	20 (40)	480 (960)

●K Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V DC110V~170V (K10AU: DC90V~170V)	K10AU-5	5	2.0	10.0
	K15AU-5		3.0	15.0
	K25AU-5		5.0	25.0
	K50AU-5		10.0	50.0
	K100AU-5		20.0	100.0
	K150AU-5	30.0	150.0	
	K10AU-12	12	0.9	10.8
	K15AU-12		1.3	15.6
	K25AU-12		2.1	25.2
	K50AU-12		4.2	50.4
	K100AU-12		8.5	102.0
	K150AU-12	13.0	156.0	
	K10AU-15	15	0.7	10.5
	K15AU-15		1.0	15.0
	K25AU-15		1.7	25.5
	K50AU-15		3.4	51.0
	K100AU-15		7.0	105.0
	K150AU-15	10.0	150.0	
	K10AU-24	24	0.5	12.0
	K15AU-24		0.7	16.8
	K25AU-24		1.1	26.4
	K50AU-24		2.1	50.4
	K100AU-24		4.5	108.0
	K150AU-24	6.5	156.0	

●P Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]	
AC 85V~264V DC110V~370V	P15E-5	5	3.0	15.0	
	P30E-5		6.0	30.0	
AC 85V~132V / 170V~264V DC220V~370V	P50E-5		10.0	50.0	
	P100E-5		20.0	100.0	
AC 85V~132V / 170V~264V	P150E-5		30.0	150.0	
	P300E-5		60.0	300.0	
AC 85V~132V / 170V~264V DC220V~370V	P600E-5		120.0	600.0	
	P1500E-5		300.0	1500.0	
AC 85V~264V DC110V~370V	P15E-12		12	1.3	15.6
	P30E-12			2.5	30.0
AC 85V~132V / 170V~264V DC220V~370V	P50E-12	4.2		50.4	
	P100E-12	8.5		102.0	
AC 85V~132V / 170V~264V	P150E-12	13.0		156.0	
	P300E-12	27.0		324.0	
AC 85V~132V / 170V~264V DC220V~370V	P600E-12	53.0		636.0	
	P1500E-12	125.0		1500.0	
AC 85V~264V DC110V~370V	P15E-15	15		1.0	15.0
	P30E-15			2.0	30.0
AC 85V~132V / 170V~264V DC220V~370V	P50E-15		3.4	51.0	
	P100E-15		7.0	105.0	
AC 85V~132V / 170V~264V	P150E-15		10.0	150.0	
	P300E-15		22.0	330.0	
AC 85V~132V / 170V~264V DC220V~370V	P600E-15		43.0	645.0	
	P1500E-15		100.0	1500.0	
AC 85V~132V / 170V~264V	P300E-18		18	17.0	306.0
	P600E-18			34.0	612.0
AC 85V~264V DC110V~370V	P15E-24	0.7		16.8	
	P30E-24	1.3		31.2	
AC 85V~132V / 170V~264V DC220V~370V	P50E-24	2.1		50.4	
	P100E-24	4.5	108.0		
P150E-24	6.5	156.0			

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V / 170V~264V	P300E-24	24	14.0	336.0
	P600E-24		27.0	648.0
AC 85V~132V / 170V~264V DC220V~370V	P1500E-24	24	65.0	1560.0
			PT1500	5
AC 170V~264V 3φ	PT1500	24	65.0	1560.0
		30	10.0	300.0
AC 85V~132V / 170V~264V	P600E-30	30	20.0	600.0
	P300E-48		6.5	312.0
AC 85V~132V / 170V~264V	P600E-48	48	13.0	624.0

●PAA Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~264V	PAA50F-3	3	10.0	30.0
	PAA75F-3		15.0	45.0
	PAA100F-3		20.0	60.0
	PAA150F-3		30.0	90.0
	PAA300F-3		60.0	180.0
	PAA600F-3		120.0	360.0
	PAA50F-5	5	10.0	50.0
	PAA75F-5		15.0	75.0
	PAA100F-5		20.0	100.0
	PAA150F-5		30.0	150.0
	PAA300F-5		60.0	300.0
	PAA600F-5		120.0	600.0
	PAA50F-12	12	4.3	51.6
	PAA75F-12		6.3	75.6
	PAA100F-12		8.5	102.0
	PAA150F-12		13.0	156.0
	PAA300F-12		27.0	324.0
	PAA600F-12		53.0	636.0
	PAA50F-15	15	3.5	52.5
	PAA75F-15		5.0	75.0
	PAA100F-15		7.0	105.0
	PAA150F-15		10.0	150.0
	PAA300F-15		22.0	330.0
	PAA600F-15		43.0	645.0
	PAA50F-24	24	2.2	52.8
	PAA75F-24		3.2	76.8
	PAA100F-24		4.5	108.0
	PAA150F-24		6.5	156.0
	PAA300F-24		14.0	336.0
	PAA600F-24		27.0	648.0
	PAA50F-48	48	1.1	52.8
	PAA75F-48		1.6	76.8
	PAA100F-48		2.1	100.8
	PAA150F-48		3.3	158.4
	PAA300F-48		7.0	336.0
	PAA600F-48		13.0	624.0

●R/RR Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V DC110V~170V	R15U-3	3	3.0	9.0
	R25U-3		5.0	15.0
	R50U-3		10.0	30.0
	R100U-3		20.0	60.0
	R150U-3	30.0	90.0	
	R/RR15U-5	5	3.0	15.0
	R/RR25U-5		5.0	25.0
	R/RR50U-5		10.0	50.0
	R/RR100U-5		20.0	100.0
	R/RR150U-5	30.0	150.0	
	R15U-9	9	1.7	15.3
	R25U-9		2.8	25.2
	R50U-9		5.6	50.4
	R100U-9		11.5	103.5
	R150U-9	17.0	153.0	
	R/RR15U-12	12	1.3	15.6
	R/RR25U-12		2.1	25.2
	R/RR50U-12		4.2	50.4
	R/RR100U-12		8.5	102.0
	R/RR150U-12	13.0	156.0	

●R/RR Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V DC110V~170V	R/RR15U-15	15	1.0	15.0
	R/RR25U-15		1.7	25.5
	R/RR50U-15		3.4	51.0
	R/RR100U-15		7.0	105.0
	R/RR150U-15		10.0	150.0
	R15U-18	18	0.85	15.3
	R25U-18		1.4	25.2
	R50U-18		2.8	50.4
	R100U-18		5.6	100.8
	R150U-18		8.5	153.0
	R/RR15U-24	24	0.7	16.8
	R/RR25U-24		1.1	26.4
	R/RR50U-24		2.2	52.8
	R/RR100U-24		4.5	108.0
	R/RR150U-24		6.5	156.0

●UA Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V / 170V~264V	UAW125S-3	3	25.0	75.0
	UAW250S-3		50.0	150.0
	UAW500S-3		100.0	300.0
	UAW125S-5	5	25.0	125.0
	UAW250S-5		50.0	250.0
	UAW500S-5		100.0	500.0
	UAW125S-12	12	10.5	126.0
	UAW250S-12		21.5	258.0
	UAW500S-12		43.0	516.0
	UAW125S-24	24	5.2	124.8
	UAW250S-24		11.0	264.0
	UAW500S-24		22.0	528.0
	UAW125S-48	48	2.6	124.8
	UAW250S-48		5.2	249.6
AC 85V~264V	UAF500S-3	3	100.0	300.0
	UAF500S-5	5	100.0	500.0
	UAF500S-12	12	43.0	516.0
	UAF500S-24	24	22.0	528.0
	UAF500S-48	48	11.0	528.0

Multiple Output

Series Name	Input Volts [V]	Model	Nominal Output								Output Watts [W]	
			-12V	-5V	+12V	+5V	+8V	+12V	+15V	+24V		+15V
			Amps [A]									
MMB	AC 85V ~132V DC 110V ~170V	MMB50U-1				3		3(3.6)				51(58.2)
		MMB50U-2				5		2.1				50.2
		MMB50U-3				3				1.5(1.8)		51(58.2)
		MMB50U-4			2.1			2.1				50.4
		MMB50U-5			3.0			1.5				54
		MMB50U-6								1.7		1.7
RMB	AC 85V ~132V DC 110V ~170V	MMB75U-1				5.0		4.0				73
		MMB75U-2				6.0			2.0			78
		RMB15U-1				0.8		1(1.3)				16(19.6)
		RMB15U-2				0.8			0.5(0.65)			
		RMB30U-1				1.5		2(2.8)				31.5(41.1)
		RMB30U-2				1.5			1.0(1.4)			
RMB50U-1				1.5		3.6(4)				50.7(55.5)		
RMB50U-2				1.5			1.8(2)					

() Peak

Series Name	Input Volts [V]	Model	Nominal Output								Output Watts [W]	
			-15V	-12V	-5V	+5V	+12V	+15V	+24V	+15V		
			Amps [A]									
MMC	AC 85V ~132V DC 110V ~170V	MMC8U-1		0.1		1.2	0.1					8.4
		MMC8U-2	0.1			1.1		0.1				8.5
		MMC8U-3			0.1	1.2	0.1					7.7
		MMC50U-1		0.5		5.0	1.5(2)					49(55)
		MMC50U-2	0.5			5.0		1.2				50.5
		MMC50U-3			0.5	5.0	1.5(2)					45.5(51.5)
		MMC50U-4		0.3		7.0	1.0(1.5)					50.6(56.6)
		MMC75U-1		0.5		8.0	2.5					76
		MMC75U-2	0.5			8.0		1.8				74.5

() Peak

Series Name	Input Volts [V]	Model	Nominal Output								Output Watts [W]	
			-15V	-12V	-5V	+5V	+12V	+15V	+24V	+15V		
			Amps [A]									
MMC	AC 85V ~132V DC 110V ~170V	MMC75U-3				0.5	8.0	2.5				72.5
		MMC75U-4		0.5			6.0	3.2				74.4
		MMC100U-1		1.0			13.0	2.0				101
		MMC100U-2	1.0				13.0		1.5			102.5
		MMC100U-3			1.0		13.0	2.0				94
		MMC100U-4		1.0			8.0	4.0				100
RMC	AC 85V ~132V DC 110V ~170V	RMC15U-1		0.2			2.0	0.3				16
		RMC15U-2	0.2				2.0		0.2			33
		RMC30U-1		0.3			3.0	1.2				30
		RMC30U-2	0.5				3.0		0.5			49(55)
		RMC50U-1		0.5			5.0	1.5(2)				50.5
		RMC50U-2	0.5				5.0		1.2			16
PMC	AC 85V ~264V DC 110V ~370V	PMC15E-1		0.2			2.0	0.3				17.5
		PMC15E-2	0.2				2.0		0.3			14.6
		PMC15E-3			0.2		2.0	0.3				33
		PMC30E-1		0.3			3.0	1.2				49(55)
		PMC30E-2	0.5				3.0		0.7			50.5
		PMC50E-1		0.5			5.0	1.5(2)				76
		PMC50E-2	0.5				5.0		1.2			74.5
		PMC50E-4		0.3			7.0	1.0(1.5)				74.4
		PMC75E-1		0.5			8.0	2.5				101
		PMC75E-2	0.5				8.0		1.8			102.5
PMC75E-4		0.5			6.0	3.2				100		
PMC100E-1		1.0			13.0	2.0						
PMC100E-2	1.0				13.0		1.5					
PMC100E-4		1.0			8.0	4.0						

() Peak

Rugged PCB type

Single/Multiple Output

●LS Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V	LS10A/B	5	2	10
		12	0.9	10.8
	LS30	12	2(4)	24(48)
		24	1.2(2)	28.8(48)

●LCA Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V DC110V~170V	LCA30S-3	3	6.0	18.0
	LCA50S-3		10.0	30.0
	LCA75S-3		15.0	45.0
	LCA100S-3		20.0	60.0
	LCA150S-3		30.0	90.0
	LCA10S-5	5	2.0	10.0
	LCA15S-5		3.0	15.0

() Peak

●LCA Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V DC110V~170V	LCA30S-5	5	6.0	30.0
	LCA50S-5		10.0	50.0
	LCA75S-5		15.0	75.0
	LCA100S-5		20.0	100.0
	LCA150S-5		30.0	150.0
	LCA10S-12	12	0.9	10.8
	LCA15S-12		1.3	15.6
	LCA30S-12		2.5	30.0
	LCA50S-12		4.3	51.6
	LCA75S-12		6.3	75.6
	LCA100S-12	15	8.5	102.0
	LCA150S-12		12.5	150.0
	LCA10S-15		0.7	10.5
	LCA15S-15		1.0	15.0

() Peak

SELECTION GUIDE

●LCA Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~132V DC110V~170V	LCA30S-15	15	2.0	30.0
	LCA50S-15		3.5	52.5
	LCA75S-15		5.0	75.0
	LCA100S-15		7.0	105.0
	LCA150S-15		10.0	150.0
	LCA10S-24	24	0.5	12.0
	LCA15S-24		0.7	16.8
	LCA30S-24		1.3	31.2
	LCA50S-24		2.5	60.0
	LCA75S-24		3.2	76.8
	LCA100S-24		4.3	103.2
	LCA150S-24		6.3	151.2
	LCA30S-36		0.9	32.4
	LCA50S-36	36	1.7	61.2
	LCA75S-36		2.1	75.6
	LCA100S-36		3.0	108.0
	LCA150S-36		4.2	151.2
	LCA30S-48	48	0.7	33.6
	LCA50S-48		1.3	62.4
	LCA75S-48		1.6	76.8
	LCA100S-48		2.2	105.6
	LCA150S-48		3.2	153.6

●LDA Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~264V DC110V~370V	LDA50F-9	9	5.6	50.4
	LDA75F-9		8.5	76.5
AC 85V~132V / 170V~264V	LDA100W-9		11.5	103.5
	LDA150W-9		17.0	153.0
LDA300W-9	34.0		306.0	
AC 85V~264V DC110V~370V	LDA10F-12	12	0.9	10.8
	LDA15F-12		1.3	15.6
	LDA30F-12		2.5	30.0
	LDA50F-12		4.3	51.6
	LDA75F-12		6.3	75.6
AC 85V~132V / 170V~264V	LDA100W-12	12	8.5	102.0
	LDA150W-12		12.5	150.0
	LDA300W-12		27.0	324.0
AC 85V~264V DC110V~370V	LDA10F-15	15	0.7	10.5
	LDA15F-15		1.0	15.0
	LDA30F-15		2.0	30.0
	LDA50F-15		3.5	52.5
	LDA75F-15		5.0	75.0
AC 85V~132V / 170V~264V	LDA100W-15	15	6.7	100.5
	LDA150W-15		10.0	150.0
	LDA300W-15		22.0	330.0
AC 85V~264V DC110V~370V	LDA50F-18	18	2.8	50.4
	LDA75F-18		4.2	75.6
AC 85V~132V / 170V~264V	LDA100W-18		5.6	100.8
	LDA150W-18		8.5	153.0
	LDA300W-18		17.0	306.0
AC 85V~264V DC110V~370V	LDA10F-24	24	0.5	12.0
	LDA15F-24		0.7	16.8
	LDA30F-24		1.3	31.2
	LDA50F-24		2.1	50.4
	LDA75F-24		3.2	76.8
AC 85V~132V / 170V~264V	LDA100W-24	24	4.3	103.2
	LDA150W-24		6.3	151.2
	LDA300W-24		14.0	336.0
AC 85V~264V DC110V~370V	LDA50F-30	30	1.7	51.0
	LDA75F-30		2.5	75.0
AC 85V~132V / 170V~264V	LDA100W-30		3.5	105.0
	LDA150W-30		5.0	150.0
	LDA300W-30		10.0	300.0
AC 85V~132V / 170V~264V	LDA100W-48	48	2.0	96.0
	LDA150W-48		3.0	144.0
	LDA300W-48		6.3	302.4

●LDA Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
AC 85V~264V DC110V~370V	LDA10F-3	3	2.0	6.0
	LDA15F-3		3.0	9.0
	LDA30F-3		6.0	18.0
	LDA50F-3		10.0	30.0
	LDA75F-3		15.0	45.0
AC 85V~132V / 170V~264V	LDA100W-3	3	20.0	60.0
	LDA150W-3		30.0	90.0
	LDA300W-3		60.0	180.0
AC 85V~264V DC110V~370V	LDA10F-5	5	2.0	10.0
	LDA15F-5		3.0	15.0
	LDA30F-5		6.0	30.0
	LDA50F-5		10.0	50.0
	LDA75F-5		15.0	75.0
AC 85V~132V / 170V~264V	LDA100W-5	5	20.0	100.0
	LDA150W-5		30.0	150.0
	LDA300W-5		60.0	300.0

Series Name	Input Volts [V]	Model	Nominal Output									Output Watts [W]		
			-12V	-5V	+12V	+5V	+8V	+12V	+12.5V	+24V	+24.5V		+15V	
LB	AC 85V~132V	LB10				1.0		0.5(1.0)						11.0
		LB15				1.0(1.5)		1.0(2.5)						17.0
		LB25				2.5		1.0(2.5)						24.5
		LB35-1				2.0			2.0(3)					35.0
		LB35-3				2.0						1.0(2)		34.5
		LB35-8										1.0(2)		32.0
		LB70-1				3.0				2.0(4)				40.0
		LB70-3				2.5							2.0(3)	61.5
		LB70-8								2.0(3)			2.0(3)	64.0

Series Name	Input Volts [V]	Model	Nominal Output									Output Watts [W]	
			-15V	-12V	-5V	+5V	+12V	+15V	+24V	+15V			
LDC	AC 85V~264V DC 110V~370V	LDC15F-1			0.2(0.3)		2.0(3)	0.3(0.6)					16.0
		LDC15F-2		0.2(0.3)			2.0(3)			0.3(0.6)		17.5	
		LDC30F-1			0.3(0.45)		3.0(4.5)	1.2(2)					33.0
		LDC30F-2		0.3(0.45)			3.0(4.5)			1.0(2)		34.5	
		LDC60F-1		0.5(0.7)			5.0(7)	2.5(3.5)					61.0
		LDC60F-2		0.5(0.7)			5.0(7)			2.0(3.5)			62.5

On-board type

Single/Multiple Output

Series Name	Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
YS5	AC 85V~132V	YS505	5	1.0	5.0
		YS512	12	0.45	5.4
		YS1005	5	2.0	10.0
YS10	DC 110V~170V	YS1012	12	0.9	10.8
		YS1505	5	3.0	15.0
		YS1512	12	1.3	15.6
YAS5	AC 85V~264V	YAS505	5	1.0	5.0
		YAS512	12	0.45	5.4
		YAS1005	5	2.0	10.0
YAS10	DC 110V~370V	YAS1012	12	0.9	10.8
YW5	AC 85V~132V	YW512	±12 (24)	0.22	5.28
		YW515	±15 (30)	0.17	5.1
		YW1012	±12 (24)	0.45	10.8
YW10	DC 110V~170V	YW1015	±15 (30)	0.35	10.5
		YW1512	±12 (24)	0.65	15.6
		YW1515	±15 (30)	0.5	15.0

Series Name	Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
YAW5	AC 85V~264V	YAW512	±12 (24)	0.22	5.28
		YAW515	±15 (30)	0.17	5.1
		YAW1012	±12 (24)	0.45	10.8
YAW10	DC 110V~370V	YAW1015	±15 (30)	0.35	10.5
ZS1R5	DC 4.5~6.0V	ZS1R50505	5	0.25	1.25
		ZS1R50512	12	0.12	1.44
		ZS1R50515	15	0.1	1.5
	DC 10~15V	ZS1R51205	5	0.25	1.25
		ZS1R51212	12	0.12	1.44
		ZS1R51215	15	0.1	1.5
	DC 20~30V	ZS1R52405	5	0.25	1.25
		ZS1R52412	12	0.12	1.44
		ZS1R52415	15	0.1	1.5
	DC 35~63V	ZS1R54805	5	0.25	1.25
		ZS1R54812	12	0.12	1.44
		ZS1R54815	15	0.1	1.5

Series Name	Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
ZS3	DC4.5~6.0V	ZS30505	5	0.5	2.5
		ZS30512	12	0.25	3.0
		ZS30515	15	0.2	3.0
	DC10~15V	ZS31205	5	0.5	2.5
		ZS31212	12	0.25	3.0
		ZS31215	15	0.2	3.0
	DC20~30V	ZS32405	5	0.5	2.5
		ZS32412	12	0.25	3.0
		ZS32415	15	0.2	3.0
	DC35~63V	ZS34805	5	0.5	2.5
		ZS34812	12	0.25	3.0
		ZS34815	15	0.2	3.0
ZS6	DC4.5~6.0V	ZS60505	5	1.0	5.0
		ZS60512	12	0.5	6.0
		ZS60515	15	0.4	6.0
	DC10~15V	ZS61205	5	1.0	5.0
		ZS61212	12	0.5	6.0
		ZS61215	15	0.4	6.0
	DC20~30V	ZS62405	5	1.0	5.0
		ZS62412	12	0.5	6.0
		ZS62415	15	0.4	6.0
	DC35~63V	ZS64805	5	1.0	5.0
		ZS64812	12	0.5	6.0
		ZS64815	15	0.4	6.0
ZS10	DC4.5~6.0V	ZS100505	5	1.6	8.0
		ZS100512	12	0.7	8.4
		ZS100515	15	0.6	9.0
	DC10~15V	ZS101205	5	2.0	10.0
		ZS101212	12	0.9	10.8
		ZS101215	15	0.7	10.5
	DC20~30V	ZS102405	5	2.0	10.0
		ZS102412	12	0.9	10.8
		ZS102415	15	0.7	10.5
	DC35~63V	ZS104805	5	2.0	10.0
		ZS104812	12	0.9	10.8
		ZS104815	15	0.7	10.5
ZUS1R5	DC4.5~9V	ZUS1R50505	5	0.30	1.50
		ZUS1R50512	12	0.13	1.56
		ZUS1R50515	15	0.10	1.50
	DC 9~18V	ZUS1R51205	5	0.30	1.50
		ZUS1R51212	12	0.13	1.56
		ZUS1R51215	15	0.10	1.50
	DC18~36V	ZUS1R52405	5	0.30	1.50
		ZUS1R52412	12	0.13	1.56
		ZUS1R52415	15	0.10	1.50
	DC36~72V	ZUS1R54805	5	0.30	1.50
		ZUS1R54812	12	0.13	1.56
		ZUS1R54815	15	0.10	1.50
ZUS3	DC4.5~9V	ZUS30505	5	0.60	3.0
		ZUS30512	12	0.25	3.0
		ZUS30515	15	0.20	3.0
	DC 9~18V	ZUS31205	5	0.60	3.0
		ZUS31212	12	0.25	3.0
		ZUS31215	15	0.20	3.0
	DC18~36V	ZUS32405	5	0.60	3.0
		ZUS32412	12	0.25	3.0
		ZUS32415	15	0.20	3.0
	DC36~72V	ZUS34805	5	0.60	3.0
		ZUS34812	12	0.25	3.0
		ZUS34815	15	0.20	3.0
ZUS6	DC4.5~9V	ZUS60505	5	1.0	5.0
		ZUS60512	12	0.5	6.0
		ZUS60515	15	0.4	6.0
	DC 9~18V	ZUS61205	5	1.2	6.0
		ZUS61212	12	0.5	6.0
		ZUS61215	15	0.4	6.0
	DC18~36V	ZUS62405	5	1.2	6.0
		ZUS62412	12	0.5	6.0
		ZUS62415	15	0.4	6.0
	DC36~72V	ZUS64805	5	1.2	6.0
		ZUS64812	12	0.5	6.0
		ZUS64815	15	0.4	6.0
ZUS10	DC4.5~9V	ZUS100505	5	1.6	8.0
		ZUS100512	12	0.7	8.4
		ZUS100515	15	0.6	9.0
	DC 9~18V	ZUS101205	5	2.0	10.0
		ZUS101212	12	0.9	10.8
		ZUS101215	15	0.7	10.5
	DC18~36V	ZUS102405	5	2.0	10.0
		ZUS102412	12	0.9	10.8
		ZUS102415	15	0.7	10.5
	DC36~72V	ZUS104805	5	2.0	10.0
		ZUS104812	12	0.9	10.8
		ZUS104815	15	0.7	10.5

Series Name	Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
ZUS15	DC4.5~9V	ZUS150505	5	2.0	10.0
		ZUS150512	12	1.0	12.0
	DC 9~18V	ZUS151205	5	2.4	12.0
		ZUS151212	12	1.3	15.6
	DC18~36V	ZUS152405	5	2.4	12.0
		ZUS152412	12	1.3	15.6
	DC36~75V	ZUS154805	5	2.4	12.0
		ZUS154812	12	1.3	15.6
ZUS25	DC4.5~9V	ZUS250505	5	3.2	16.0
		ZUS250512	12	1.7	20.4
	DC 9~18V	ZUS251205	5	4.0	20.0
		ZUS251212	12	2.1	25.2
	DC18~36V	ZUS252405	5	4.0	20.0
		ZUS252412	12	2.1	25.2
	DC36~75V	ZUS254805	5	4.0	20.0
		ZUS254812	12	2.1	25.2
ZW1R5	DC4.5~6.0V	ZW1R50512	+12 (+24)	0.06	1.44
		ZW1R50515	+15 (+30)	0.05	1.5
	DC10~15V	ZW1R51212	+12 (+24)	0.06	1.44
		ZW1R51215	+15 (+30)	0.05	1.5
	DC20~30V	ZW1R52412	+12 (+24)	0.06	1.44
		ZW1R52415	+15 (+30)	0.05	1.5
	DC35~63V	ZW1R54812	+12 (+24)	0.06	1.44
		ZW1R54815	+15 (+30)	0.05	1.5
ZW3	DC4.5~6.0V	ZW30512	+12 (+24)	0.12	2.88
		ZW30515	+15 (+30)	0.1	3.0
	DC10~15V	ZW31212	+12 (+24)	0.12	2.88
		ZW31215	+15 (+30)	0.1	3.0
	DC20~30V	ZW32412	+12 (+24)	0.12	2.88
		ZW32415	+15 (+30)	0.1	3.0
	DC35~63V	ZW34812	+12 (+24)	0.12	2.88
		ZW34815	+15 (+30)	0.1	3.0
ZW6	DC4.5~6.0V	ZW60512	+12 (+24)	0.25	6.0
		ZW60515	+15 (+30)	0.2	6.0
	DC10~15V	ZW61212	+12 (+24)	0.25	6.0
		ZW61215	+15 (+30)	0.2	6.0
	DC20~30V	ZW62412	+12 (+24)	0.25	6.0
		ZW62415	+15 (+30)	0.2	6.0
	DC35~63V	ZW64812	+12 (+24)	0.25	6.0
		ZW64815	+15 (+30)	0.2	6.0
ZW10	DC4.5~6.0V	ZW100512	+12 (+24)	0.35	8.4
		ZW100515	+15 (+30)	0.3	9.0
	DC10~15V	ZW101212	+12 (+24)	0.45	10.8
		ZW101215	+15 (+30)	0.35	10.5
	DC20~30V	ZW102412	+12 (+24)	0.45	10.8
		ZW102415	+15 (+30)	0.35	10.5
	DC35~63V	ZW104812	+12 (+24)	0.45	10.8
		ZW104815	+15 (+30)	0.35	10.5
ZUW1R5	DC4.5~9V	ZUW1R50512	+12 (+24)	0.065	1.56
		ZUW1R50515	+15 (+30)	0.050	1.50
	DC 9~18V	ZUW1R51212	+12 (+24)	0.065	1.56
		ZUW1R51215	+15 (+30)	0.050	1.50
	DC18~36V	ZUW1R52412	+12 (+24)	0.065	1.56
		ZUW1R52415	+15 (+30)	0.050	1.50
	DC36~72V	ZUW1R54812	+12 (+24)	0.065	1.56
		ZUW1R54815	+15 (+30)	0.050	1.50
ZUW 3	DC4.5~9V	ZUW30512	+12 (+24)	0.13	3.12
		ZUW30515	+15 (+30)	0.10	3.00
	DC 9~18V	ZUW31212	+12 (+24)	0.13	3.12
		ZUW31215	+15 (+30)	0.10	3.00
	DC18~36V	ZUW32412	+12 (+24)	0.13	3.12
		ZUW32415	+15 (+30)	0.10	3.00
	DC36~72V	ZUW34812	+12 (+24)	0.13	3.12
		ZUW34815	+15 (+30)	0.10	3.00
ZUW 6	DC4.5~9V	ZUW60512	+12 (+24)	0.25	6.0
		ZUW60515	+15 (+30)	0.20	6.0
	DC 9~18V	ZUW61212	+12 (+24)	0.25	6.0
		ZUW61215	+15 (+30)	0.20	6.0
	DC18~36V	ZUW62412	+12 (+24)	0.25	6.0
		ZUW62415	+15 (+30)	0.20	6.0
	DC36~72V	ZUW64812	+12 (+24)	0.25	6.0
		ZUW64815	+15 (+30)	0.20	6.0
ZUW10	DC4.5~9V	ZUW100512	+12 (+24)	0.35	8.4
		ZUW100515	+15 (+30)	0.30	9.0
	DC 9~18V	ZUW101212	+12 (+24)	0.45	10.8
		ZUW101215	+15 (+30)	0.35	10.5
	DC18~36V	ZUW102412	+12 (+24)	0.45	10.8
		ZUW102415	+15 (+30)	0.35	10.5
	DC36~72V	ZUW104812	+12 (+24)	0.45	10.8
		ZUW104815	+15 (+30)	0.35	10.5
ZUW15	DC4.5~9V	ZUW150512	+12 (+24)	0.60	14.4
		ZUW150515	+15 (+30)	0.50	15.0
	DC 9~18V	ZUW151212	+12 (+24)	0.65	15.6
		ZUW151215	+15 (+30)	0.50	15.0

Series Name	Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
ZUW15	DC18~36V	ZUW152412	±12 (+24)	0.65	15.6
		ZUW152415	±15 (+30)	0.50	15.0
	DC36~75V	ZUW154812	±12 (+24)	0.65	15.6
		ZUW154815	±15 (+30)	0.50	15.0
ZUW25	DC4.5~9V	ZUW250512	±12 (+24)	0.84	20.2
		ZUW250515	±15 (+30)	0.67	20.1
	DC 9~18V	ZUW251212	±12 (+24)	1.05	25.2
		ZUW251215	±15 (+30)	0.85	25.5
	DC18~36V	ZUW252412	±12 (+24)	1.05	25.2
		ZUW252415	±15 (+30)	0.85	25.5
	DC36~75V	ZUW254812	±12 (+24)	1.05	25.2
		ZUW254815	±15 (+30)	0.85	25.5

Power Module type

Single Output

●DPA/DAS Series

Input Volts [V]	Model	Output Volts [V]	Output Amps [A]	Output Watts [W]
85V~170VAC	DPA500F-360	300~360	-	500.0
			-	750.0
DC88V~370V	DAS50F05	5	10.0	50.0
			20.0	100.0
	DAS50F12	12	4.2	50.4
			8.5	102.0
	DAS50F24	24	2.1	50.4
			4.2	100.8
DC36V~72V	DAS504805	5	10.0	50.0
			20.0	100.0
	DAS504812	12	4.2	50.4
			8.5	102.0

SAFETY AGENCY APPROVALS QUICK REFERENCE TABLE

#	Model Name	UL	CSA	TUV	CE Marking
1	AD960	1950 [E132067]	22.2 No. 234, 950 [LR60474] Level5	EN60950, VDE0160 [R9551689] AD960	
2	K10AU, K15AU, K25AU, K50AU, K100AU, K150AU	1950 (D3) [E132067]	1402C [LR60474] Level1		
3	LCA10S, LCA15S, LCA30S, LCA50S, LCA75S, LCA100S, LCA150S	1950 [E132067]	22.2 No. 234 [LR60474] Level3		
4	LDA10F, LDA15F, LDA30F, LDA50F, LDA75F, LDA100W/B, LDA150W/B, LDA300W/B		EN60950, VDE0160 [R9451380] LDA10F [R9451379] LDA15F [R9451362] LDA30F [R9451357] LDA50F [R9551447] LDA75F [R9551390] LDA100W/B [R9551389] LDA150W/B [R9750191] LDA300W/B	CE	
5	P15E, P30E, P50E, P100E, P150E, P300E, P600E, P1500E, PT1500		22.2 No. 234 [LR60474] Level3	EN60950, VDE0160 [R85610] P15E [R85611] P30E [R85612] P50E [R95379] P100E [R95378] P150E [R85180] P300E [R85170] P600E [R9451408] P1500E	CE
6	PAA50F, PAA75F, PAA100F, PAA150F, PAA300F, PAA600F		22.2 No. 234, 950 [LR60474] Level3	EN60950, VDE0160 [R9651014] PAA50F [R9750287] PAA75F [R9650537] PAA100F [R9650965] PAA150F [R9750286] PAA300F [R9750931] PAA600F	CE
7	R/RR15U, R/RR25U, R/RR50U, R/RR100U, R/RR150U	1950 (D3) [E132067]	1402C [LR60474] Level1		
8	UAW125S, UAW/UAB250S, UAW500S, UAF500S	1950 [E132067]	22.2 No. 234, 950 [LR60474] Level3	EN60950, VDE0160 [R9551386] R/RR100U [R9551387] R/RR150U	
9	MMB50U, MMB75U	1950 (D3) [E132067]	22.2 No. 234, 950 [LR60474] Level5	EN60950, VDE0160 [R9451269] UAW125S [R9551388] UAW/UAB250S [R9451108] UAW500S [R9650275] UAF500S	CE
10	RMC15U, RMC30U, RMC50U		1402C [LR60474] Level3		
11	MMC8U, MMC50U, MMC75U, MMC100U		1402C [LR60474] Level1		
12	RMC15U, RMC30U, RMC50U		1402C [LR60474] Level3		
13	PMC15E, PMC30E, PMC50E-XULA, PMC75E, PMC100E	1950 [E132067]	22.2 No. 234 [LR60474] Level3	EN60950, VDE0160 [R60321] PMC15E/30E [R9451410] PMC75E [R9551105] PMC50E-XULA [R9451409] PMC100E	CE
14	LDC15F, LDC30F, LDC60F		22.2 No. 234 [LR60474] Level3	EN60950, VDE0160 [R9451252] LDC15F [R9451299] LDC30F [R9551333] LDC60F	CE
15	YS/YW5U, YS/YW10U, YS/YW15U	1950(D3) [E132067]	1402C [LR60474] Level1		
16	YAS/YAW5E, YAS/YAW10E		22.2 No. 234 [LR60474] Level3	EN60950, VDE0160 [R9551106] YAS/YAW5E [R9451407] YAS/YAW10E	CE
17	ZUS1R5, ZUW1R5, ZUS3, ZUW3, ZUS6, ZUW6, ZUS10, ZUW10, ZUS15, ZUW15, ZUS25, ZUW25	1950 [E132067]	22.2 No. 234, 950 [LR60474] Level3	EN60950, VDE0160 [R9650842] ZUS/ZUW1R5 [R9651227] ZUS/ZUW3 [R9750123] ZUS/ZUW6 [R9750117] ZUS/ZUW10 [R9650160] ZUS/ZUW15,25	
18	DPA500F-360		22.2 No. 234 [LR60474] Level1	EN60950, VDE0160 [R9551420] DPA500F-360	CE
19	DAS50F, DAS100F		22.2 No. 234 [LR60474] Level3	EN60950, VDE0160 [R9451341] DAS50F [R9451298] DAS100F	

[] SHOWS FILE No.

Notes: CE marking is applied according to LVD (Low Voltage Directive).

The test for EMC was not performed and has to be made after built-in with the final equipment.