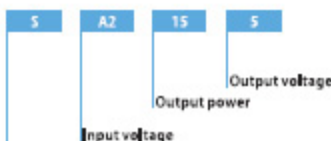




Features

- High reliability
- Built-in EMI filter, good anti-jamming performance
- High efficiency
- Soft-start circuit design, AC surge current limiting
- Low operating temperature, long working life
- Wide input voltage range
- Good insulation, high dielectric strength
- Short circuit, overload, overvoltage protection
- 100% burn-in test
- Small size, light weight, beautiful appearance

Introduction of type code



Output groups

- S—Single group output
- D—Double group output
- T—Triple group output
- Q—Quadruple group output

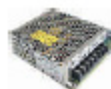
For example: SA2-50-12 means that it's a power supply of input voltage is AC220V single-group output, power is 50W, and output voltage is DC12V.

Introduction of output voltage

	D Series	T Series	Q Series
U1	5V,12V	±5V,12V	-
U2	5V,24V	5V,±12V	±5V,±12V
U3	5V,15V	5V,±15V	±5V,±15V
U4	12V,24V	5V,12V,24V	5V,±12V,24V
U5	±12V	3.3V,5V,12V	±6V,±15V
U6	±15V	-	5V,±15V,24V
U7	-	-	3.3V,±5V,12V
U8	-	-	3.3V,5V,±12V
U9	-	-	3.3V,5V,±15V
U10	-	-	3.3V,5V,24V,±12V
U11	-	-	3.3V,5V,24V,-15V

Introduction of input voltage

A1	AC110	D1	DC110
A2	AC220	D2	DC220
A3	AC36	D3	DC36
A4	AC48	D4	DC48
A12	AC110, 220general	D12	DC110, 220general



J001A 109X42X30



J006 155X150X86



J001 99X97X35



J007 230X115X50



J002 129X98X38



J007A 230X115X50



J003 159X97X38



J008 205X93X65



J004 199X98X38



J012 185X120X92



J005 199X110X50



AC-DC Single group output

Type	Power W	Input (bak1)	DC Output current(A)			Function (bak2)	Safety standard (bak3)	Outlet (Picture)
			5V	12V	24V			
S□-15-□	15	S	3	1.3	0.7	AHK		J001
S□-25-□	25	F	5	2.1	1.1	ABHK	UTE	J001
S□-35-□	35	S	7	3	1.5	AHK		J002
S□-40-□	40	F	8	3.5	1.8	ABHK	UTE	J002
S□-50-□	50	S	10	4.2	2.1	AHK	UTE	J003
S□-60-□	60	F	12	5	2.5	ABHK		J003
S□-75-□	75	F	15	6.2	3	ABHK	UTE	J003
S□-100-□	100	S	20	8.5	4.5	AHK	UTE	J004
S□-145-□	145	S	25	12	6	ABHK		J004
S□-150-□	150	S	30	12.5	6.5	ABHK	UTE	J005
S□-200-□	200	S	40	16.5	8.3	ABCHK		J006
S□-201-□	200	S	40	16.5	8.3	ABCHK		J007
S□-240-□	240	A	40	18	10	ABCDHK		J008
S□-320-□	320	S	50	25	12.5	ABCDHK	UC	J007A
S□-350-□	350	S	50	29	14.6	ABCDHK	UTE	J007A
S□-500-□	500	F		40	20	ABCDHK		J012

AC-DC Double group output

Type	Power W	Input (bak1)	DC Output current(A)			Function (bak2)	Safety standard (bak3)	Outlet (Picture)
			5V	12V	24V			
D-30-U1	30	S	4	1		AK	UTE	J002
D-30-U2	30	S	2.2		1	AK	UTE	J002
D-50-U1	50	S	6	2		AK		J003
D-50-U2	50	S	6		1	AK		J003
D-60-U1	60	F	4	3		ABK	UTE	J003
D-60-U2	60	F	3		1.8	ABK	UTE	J003
D-100-U1	100	J	10	4		ABK	UTE	J005
D-100-U2	100	J	6		3	ABK	UTE	J005
D-120-U1	120	S	12	5		ABK	UTE	J005
D-120-U2	120	S	6		4	ABK	UTE	J005
D-210-U1	210	J	6	15		ABK	UTE	J005
D-210-U4	210	J		5	5	ABK	UTE	J005

AC-DC Triple group output

Type	Power W	Input (bak1)	DC Output current(A)									Function (bak2)	Safety standard (bak3)	Outlet (Picture)
			-5V	5V	-10V	10V	-12V	12V	15V	-15V	24V			
T-30-U1	30	S	0.5	3				1				AK	UTE	J002
T-30-U2	30	S		3			0.5	1				AK		J002
T-40-U1	40	F	0.5	3				2				ABK	UTE	J002
T-40-U2	40	F		3			0.5	2				ABK	UTE	J002
T-40-U3	40	F		3					1.5	0.5		ABK	UTE	J002
T-50-U1	50	S	1	7				1				AK	UTE	J003
T-50-U2	50	S		5			1	1				AK		J003
T-50-U3	50	S		4					1	1		AK		J003
T-60-U1	60	F	0.5	5				2.5				ABK		J003
T-60-U2	60	F		5			0.5	2.5				ABK	UTE	J003
T-60-U3	60	F		5					2.5	0.5		ABK		J003
T-100-U3	100	S		10					2.5	1		A	UTE	J005
T-100-U6	100	S		6					2		2	A	UTE	J005
T-130-U7	130	J						3	3	3		ABK	UTE	J003



AC-DC Quadruple group output

Type	Power W	Input 1(bak1)	DC Output current(A)							Function (bak2)	Safety standard (bak3)	Outlet (Picture)
			5V	-5V	-12V	12V	15V	-15V	24V			
Q□-60□	60	F	5.5	0.5	0.5	2				ABK	U.C.	J003
Q□-120-U2	120	S	11	1	4	4				ABK	UTE	J005
Q□-120-U3	120	S	10	1			3.5	1		ABK	UTE	J005
Q□-120-U4	120	S	8		1	2			2	ABK	UTE	J005
Q□-100-U2	100	S	13	1	1	2				A	UTE	J005
Q□-100-U4	100	S	8		0.5	1			2	A	UTE	J005
Q□-100-U4	180	S	10		1	2			5	AK	UTE	J006

Bak1: 85-132/170-264VAC options:

A: Auto-switch

S: Choose by switch

X: Fixation

F: Full range

J: Choose by jump line

Bak2: Functions

A: Over load & short circuit protection

C: High temperature protection

E: Signal for power inspection

G: Both series and parallel connection

I: Charge protection

K: Output display by LED

B: Output over voltage protection

D: Auto switch control for radiator fan (extend lifetime)

F: Output TTL signal contro

H: Series connection

J: Output voltage inspection

Bak3: Safety standards

T: Attain Germanic TUV EN60950 (IEC950 UC1950)

U: American UL1012

E: Accord with European EMC LVD (CE)

Note in particular: 1 Other specification types are under developing

2 Can produce by customer's request in particular.



Selection and ordering data

Single group output

DC output voltage	Type code	Order code
5V	SA2-15-5	34665
12V	SA2-15-12	34666
24V	SA2-15-24	34667
5V	SA2-25-5	34668
12V	SA2-25-12	34669
24V	SA2-25-24	34670
5V	SA2-35-5	34671
12V	SA2-35-12	34672
24V	SA2-35-24	34673
5V	SA2-40-5	34674
12V	SA2-40-12	34675
24V	SA2-40-24	34676
5V	SA2-50-5	34677
12V	SA2-50-12	34678
24V	SA2-50-24	34679
5V	SA2-60-5	34680
12V	SA2-60-12	34681
24V	SA2-60-24	34682
5V	SA2-75-5	34683
12V	SA2-75-12	34684
24V	SA2-75-24	34685
5V	SA2-100-5	34686
12V	SA2-100-12	34687
24V	SA2-100-24	34688
5V	SA2-145-5	34689
12V	SA2-145-12	34690
24V	SA2-145-24	34691
5V	SA2-150-5	34692
12V	SA2-150-12	34693
24V	SA2-150-24	34694
5V	SA2-200-5	34695
12V	SA2-200-12	34696
24V	SA2-200-24	34697
5V	SA2-201-5	34698
12V	SA2-201-12	34699
24V	SA2-201-24	34700
5V	SA2-240-5	34701
12V	SA2-240-12	34702
24V	SA2-240-24	34703
5V	SA2-320-5	34704
12V	SA2-320-12	34705
24V	SA2-320-24	34706
5V	SA2-350-5	34707
12V	SA2-350-12	34708
24V	SA2-350-24	34709
5V	SA2-500-5	34710
12V	SA2-500-12	34711
24V	SA2-500-24	34712

Double group output

DC output voltage	Type code	Order code
5V	D-30U1-5	34713
12V	D-30U1-12	34714
5V	D-30U2-5	34715
24V	D-30U2-24	34716
5V	D-50U1-5	34717
12V	D-50U1-12	34718
5V	D-50U2-5	34727
24V	D-50U2-24	34728
5V	D-60U1-5	34729
12V	D-60U1-12	34730
5V	D-60U2-5	34731
24V	D-60U2-24	34732
5V	D-100U1-5	34733
12V	D-100U1-12	34734
5V	D-100U2-5	34735
24V	D-100U2-24	34736
5V	D-120U1-5	34737
12V	D-120U1-12	34738
5V	D-120U2-5	34739
24V	D-120U2-24	34740
5V	D-210U1-5	34741
12V	D-210U1-12	34742
5V	D-210U4-12	34743
24V	D-210U4-24	34744



Triple group output

DC output voltage	Type code	Order code
-5V	T-30U1-(-5)	34745
5V	T-30U1-5	34746
12V	T-30U1-12	34747
5V	T-30U2-5	34748
12V	T-30U2-12	34749
-12V	T-30U2-(-12)	34750
-5V	T-40U1-(-5)	34751
5V	T-40U1-5	34752
12V	T-40U1-12	34753
5V	T-40U2-5	34754
12V	T-40U2-12	34755
-12V	T-40U2-(-12)	34756
5V	T-40U3-5	34757
15V	T-40U3-15	34758
-15V	T-40U3-(-15)	34759
-5V	T-50U1-(-5)	34760
5V	T-50U1-5	34761
12V	T-50U1-12	34762
5V	T-50U2-5	34763
12V	T-50U2-12	34764
-12V	T-50U2-(-12)	34765
5V	T-50U3-5	34766
15V	T-50U3-15	34767
-15V	T-50U3-(-15)	34768
-5V	T-60U1-(-5)	34769
5V	T-60U1-5	34770
12V	T-60U1-12	34771
5V	T-60U2-5	34772
12V	T-60U2-12	34773
-12V	T-60U2-(-12)	34774
5V	T-60U3-5	34775
15V	T-60U3-15	34776
-15V	T-60U3-(-15)	34777
5V	T-100U3-5	34778
15V	T-100U3-15	34779
-15V	T-100U3-(-15)	34780
5V	T-100U6-5	34781
12V	T-100U6-12	34782
24V	T-100U6-24	34783
12V	T-130U7-12	34784
15V	T-130U7-15	34785
-15V	T-130U7-(-15)	34786

Quadruple group output

DC output voltage	Type code	Order code
5V	Q-60U2-5	34787
12V	Q-60U2-12	34788
-5V	Q-60U2-(-5)	34789
-12V	Q-60U2-(-12)	34790
5V	Q-120U2-5	34791
12V	Q-120U2-12	34792
-5V	Q-120U2-(-5)	34793
-12V	Q-120U2-(-12)	34794
5V	Q-120U3-5	34795
15V	Q-120U3-15	34796
-5V	Q-120U3-(-5)	34797
-15V	Q-120U3-(-15)	34798
5V	Q-120U4-5	34799
-12V	Q-120U4-(-12)	34800
12V	Q-120U4-12	34801
24V	Q-120U4-24	34802
5V	Q-100U2-5	34803
-5V	Q-100U2-(-5)	34804
12V	Q-100U2-12	34805
-12V	Q-100U2-(-12)	34806
5V	Q-100U4-5	34807
-12V	Q-100U4-(-12)	34808
12V	Q-100U4-12	34809
24V	Q-100U4-24	34810
5V	Q-180U4-5	34811
-12V	Q-180U4-(-12)	34812
12V	Q-180U4-12	34813
24V	Q-180U4-24	34814