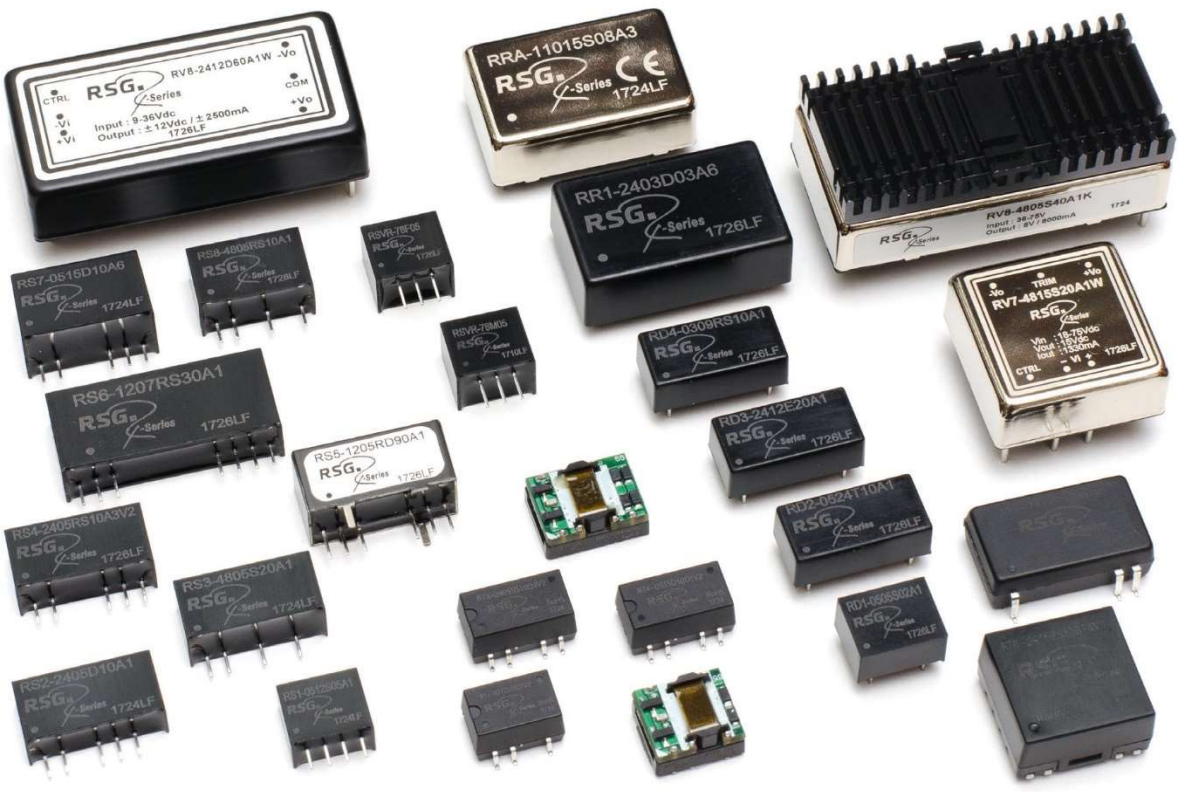
R-Series - Quick-Selection-Guide

R-Series DC / DC Converter 0.25 - 100 W

- **R-Series Package:**
- **SIL3, SIL4, SIL6, SIL7, SIL8, SIL12 (THT)**
- **DIL8, DIL14, DIL24 (THT)**
- **DIL8, DIL10, DIL14, DIL16 (SMT)**
- **1“ x 1“, 2“ x 1“ (THT)**
- **Single, Dual, Dual-Separate, Dual-Split Output**
- **Unregulated, Semi-Regulated, Regulated**
- **Isolation 1 kV ~ 6 kV or non-isolated**

R-Series



R-Series

RSVR Series SIL3, Non-isolated (PoL)	
RT[O]VR Series SMT10, Non-isolated (PoL)	
RS Series SIL4, SIL6, SIL7, SIL8, SIL12	
RD Series DIL8, DIL14, DIL16	
RT Series SMT - DIL8, DIL10, DIL14, DIL16	
RR Series DIL24	
RV Series 1“ x 1“, 2“ x 1“	

RSVR Series SIL3, Non-isolated (PoL)	
RT[O]VR Series SMT10, Non-isolated (PoL)	

Number Structure

RSVR	—	78	F	05	A	v
Series / Package		**Compatibility**	**Usage / Current**	**Output Voltage**	**Int. Code**	**Version**
RSVR = SIL3 RTVR = DIL10-SMD ..O.. = open-frame		78 = LM78xx	M = Mid-Amp (0.5 A) F = Full-Amp (1.0 A) W = Wide-Input (0.5 A) D = Double-Amp (2.0 A)	00 = 1.5 Vdc 01 = 1.8 Vdc 02 = 2.5 Vdc 03 = 3.3 Vdc 05 = 5.0 Vdc 07 = 7.2 Vdc 09 = 9.0 Vdc 12 = 12 Vdc 15 = 15 Vdc	Logistics Code	_ = 1. Version v2 = 2. Version v3 = 3. Version v4 = 4. Version

vx = x. Version

RS Series							
RSVR	**Current (A)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RSVR-78M	0.5	4.75 ~ 34	1.5/1.8/2.5/3.3/5/7.2/9/12/15	Single	Non-isolated	YES	SIL 3
RSVR-78Mv2	0.5	4.50 ~ 28	3.3/5/12/15				
RSVR-78W	0.5	9.00 ~ 72	3.3/5/6.5/7.2/9/12/15				
RSVR-78Fv2	1.0	7.00 ~ 28	3.3/5				

RT Series							
RTVR	**Current (A)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
				Single	Non-isolated	YES	SMT10
RTOVR-78W	0.5	9/14/17/21 ~ 72	3.3/5/6.5/7.2/9/12/15				SMT10 open-frame
RTOVR-78FL	1.0	3.00 ~ 5.50	1.5/1.8/2.5/3.3/5/6.5/9/12/15				
RTOVR-78F	1.0	4.60 ~ 36	1.5/1.8/2.5/3.3/5/6.5/9/12/15				

RS Series

SIL4, SIL6, SIL7, SIL8, SIL12

Number Structure

RSx	–	05	05	(R)S	10	D	1
Series / Package		**Input Voltage**	**Output Voltage**	**Output Type**	**Power**	**Int. Code**	**Isolation Voltage**
RSx = SIL		01 = 1.2 Vdc	01 = 1.2 Vdc	**UnRegulated:**	02 = ¼ W	Logistics Code	1 = 1000 Vdc
RDx = DIL		02 = 2.5 Vdc	02 = 2.5 Vdc	S = Single	05 = ½ W		1 = 1500 Vdc
RTx = SMD		03 = 3.3 Vdc	03 = 3.3 Vdc	D = Dual	10 = 1 W		1 = 1600 Vdc
		05 = 5.0 Vdc	05 = 5.0 Vdc	E = Separate	20 = 2 W		3 = 3000 Vdc
		07 = 7.2 Vdc	07 = 7.2 Vdc	T = Split	30 = 3 W		3 = 3500 Vdc
		09 = 9.0 Vdc	09 = 9.0 Vdc		40 = 4 W		4 = 4200 Vdc
		12 = 12 Vdc	12 = 12 Vdc	**Regulated:**	50 = 5 W		5 = 5200 Vdc
		15 = 15 Vdc	15 = 15 Vdc	RS = Single	60 = 6 W		6 = 6000 Vdc
		18 = 18 Vdc	18 = 18 Vdc	RD = Dual	90 = 9 W		
		24 = 24 Vdc	24 = 24 Vdc	E = Separate			
		48 = 48 Vdc	48 = 48 Vdc	T = Split			

vx = x. Version

RS-Series

RS1	Power (W)	INPUT Voltage (VDC)	OUTPUT Voltage (VDC)	Type	Isolation (kVdc)	Regulated	Package
RS1-S02	0.25	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 / 3.0	NO	SIL 4
RS1-S05	0.5	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 / 3.0		
RS1-S10	1.0	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 / 3.0		
RS1-S10v2	1.0	3.3/5/12/24	3.3/5/7.2/9/12/15	Single	3.0		
RS1-S15	1.5	5/12/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 / 3.0		
RS1-S20	2.0	5/12/15/24	3.3/5/7.2/9/12/15/24	Single	1.0 / 3.0		
RS1-S20v2	2.0	3.3/5/12/24	3.3/5/12/15	Single	3.0		
RS1-S30	3.0	5/12/24	3.3/9/12/15	Single	3.0		

RS-Series							
RS2	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RS2-S10	1.0	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 ~ 6.0	NO	SIL 7
RS2-D10	1.0	3.3/5/12/15/24	±3.3/5/7.2/9/12/15/18/24	Dual	1.0 ~ 6.0		
RS2-E10	1.0	5/12/24	2*3.3/5/7.2/9/12/15	Dual Separate	1.0 / 3.0		
RS2-T10	1.0	5/12/24	5 & 3.3/7.2/9/12/15	Dual Split	1.0 / 3.0		
RS2-S10v2	1.0	5/12/24	5/12/15	Single	1.0 / 3.0		
RS2-D10v2	1.0	5/12/24	±5/12/15	Dual	1.0 / 3.0		
RS2-SS10v2	1.0	5/12/15/24/48	5/9/12/15	Single	1.0 / 3.0	Semi Reg.	
RS2-SD10v2	1.0	5/12/15/24/48	±5/9/12/15	Dual	1.0 / 3.0		
RS2-SS20v2	2.0	5/12/15/24	5/9/12/15	Single	1.0 / 3.0		
RS2-SD20v2	2.0	5/12/15/24	±5/9/12/15	Dual	1.0 / 3.0		
RS2-SS30v2	3.0	5/12	5/9/12/15	Single	1.0 / 3.0		
RS2-SD30v2	3.0	5/12	±5/9/12/15	Dual	1.0 / 3.0		

RS-Series							
RS3	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RS3-S20	2.0	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 ~ 6.0	NO	SIL 7
RS3-D20	2.0	3.3/5/12/15/24	±3.3/5/7.2/9/12/15/18/24	Dual	1.0 ~ 6.0		
RS3-E20	2.0	5/12/24	2*3.3/5/7.2/9/12/15/18/24	Dual Separate	1.0 / 3.0		
RS3-T20	2.0	5/12/24	5 & 3.3/7.2/9/12/15/18/24	Dual Split	1.0 / 3.0		

RS-Series							
RS4	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RS4-S10	1.0	3.3/5/12/24	3.3/5/12/15	Single	1.0 / 6.0	NO	SIL 7
RS4-D10	1.0	3.3/5/12/24	±3.3/5/12/15	Dual	1.0 / 6.0		
RS4-S20	2.0	3.3/5/12/24	3.3/5/12/15	Single	1.0 / 6.0		
RS4-D20	2.0	3.3/5/12/24	±3.3/5/12/15	Dual	1.0 / 6.0		
RS4-RS10	1.0	3.3/5/12/24	3.3/5/7.2/9/12/15	Single	1.0 / 3.0	YES	
RS4-RS10v2	1.0	5/12/24	3.3/5/7.2/9/12/15	Single	1.0 / 3.0		

RS-Series							
RS5	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RS5-RS10	1.0	4.5~9/9~18/18~36/36~72	3.3/5/9/12/15/24	Single	1.0 / 3.0	YES	SIL 8
RS5-RD10	1.0	4.5~9/9~18/18~36/36~72	±3.3/5/9/12/15/24	Dual	1.0 / 3.0		
RS5-RS20	2.0	4.5~9/9~18/18~36/36~72	3.3/5/9/12/15/24	Single	1.0 / 3.0		
RS5-RD20	2.0	4.5~9/9~18/18~36/36~72	±3.3/5/9/12/15/24	Dual	1.0 / 3.0		
RS5-RS20W	2.0	4.5~18/9~36/18~75	3.3/5/12/15	Single	1.6		
RS5-RD20W	2.0	4.5~18/9~36/18~75	±3.3/5/12/15	Dual	1.6		
RS5-RS30	3.0	4.5~9/9~18/18~36/36~72	3.3/5/12/15	Single	1.6		
RS5-RD30	3.0	4.5~9/9~18/18~36/36~72	±3.3/5/12/15	Dual	1.6		
RS5-RS30W	3.0	4.5~18/9~36/18~75	3.3/5/12/15	Single	1.6		
RS5-RD30W	3.0	4.5~18/9~36/18~75	±3.3/5/12/15	Dual	1.6		
RS5-RS60	6.0	4.5~9/9~18/18~36/36~75	3.3/5/9/12/15/24	Single	1.5 / 3.0		
RS5-RD60	6.0	4.5~9/9~18/18~36/36~75	±5/9/12/15	Dual	1.5 / 3.0		
RS5-RS60W	6.0	9~36/18~75	3.3/5/9/12/15/24	Single	1.5 / 3.0		
RS5-RD60W	6.0	9~36/18~75	±5/9/12/15	Dual	1.5 / 3.0		
RS5-RS90	9.0	9~18/18~36/36~75	3.3/5/9/12/15/24	Single	1.6		
RS5-RD90	9.0	9~18/18~36/36~75	±5/12/15	Dual	1.6		
RS5-RS90W	9.0	9~36/18~75	3.3/5/9/12/15/24	Single	1.6		
RS5-RD90W	9.0	9~36/18~75	±5/12/15	Dual	1.6		

RS-Series							
RS7	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RS7-S10	1.0	5/9/12/15/24	3.3/5/9/12/15/24	Single	6.0	NO	SIL 7
RS7-D10	1.0	5/9/12/15/24	±3.3/5/9/12/15	Dual	6.0		
RS7-T10	1.0	5/9/12/15/24	15/-9	Dual Split	6.0		
RS7-S20	2.0	5/12/15/24	3.3/5/9/12/15	Single	5.2		
RS7-D20	2.0	5/12/15/24	±3.3/5/9/12/15	Dual	5.2		
RS7-T20	2.0	5/12/15/24	15/-9	Dual Split	5.2		
RS7-S10v2	1.0	5/12/15/24	3.3/5/9/12/15	Single	5.0		
RS7-D10v2	1.0	5/12/15/24	±3.3/5/9/12/15	Dual	5.0		
RS7-T10v2	1.0	5/12/15/24	15/-9	Dual Split	5.0		
RS7-S20v2	2.0	5/12/15/24	3.3/5/9/12/15	Single	5.0		
RS7-D20v2	2.0	5/12/15/24	±3.3/5/9/12/15	Dual	5.0		
RS7-T20v2	2.0	5/12/15/24	15/-9	Dual Split	5.0		

RS-Series							
RS8	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RS8-RS10	1.0	4.5~9/9~18/18~36/36~75	3.3/5/12/15/24	Single	1.5	YES	SIL 6
RS8-RD10	1.0	4.5~9/9~18/18~36/36~75	±5/12/15/24	Dual	1.5		
RS8-RS30W	3.0	4.5~18, 9~36, 18~75	3.3/5/12/15/24	Single	1.6		
RS8-RD30W	3.0	4.5~18, 9~36, 18~75	±5/12/15/24	Dual	1.6		

RD Series

DIL8, DIL14

Number Structure

RDx	–	05	05	(R)S	10	D	1
Series / Package		**Input Voltage**	**Output Voltage**	**Output Type**	**Power**	**Int. Code**	**Isolation Voltage**
RSx = SIL		01 = 1.2 Vdc	01 = 1.2 Vdc	**UnRegulated:**	02 = ¼ W	Logistics Code	1 = 1000 Vdc
RDx = DIL		02 = 2.5 Vdc	02 = 2.5 Vdc	S = Single	05 = ½ W		1 = 1500 Vdc
RTx = SMD		03 = 3.3 Vdc	03 = 3.3 Vdc	D = Dual	10 = 1 W		1 = 1600 Vdc
		05 = 5.0 Vdc	05 = 5.0 Vdc	E = Separate	20 = 2 W		3 = 3000 Vdc
		07 = 7.2 Vdc	07 = 7.2 Vdc	T = Split	30 = 3 W		3 = 3500 Vdc
		09 = 9.0 Vdc	09 = 9.0 Vdc		40 = 4 W		4 = 4200 Vdc
		12 = 12 Vdc	12 = 12 Vdc	**Regulated:**	50 = 5 W		5 = 5200 Vdc
		15 = 15 Vdc	15 = 15 Vdc	RS = Single	60 = 6 W		6 = 6000 Vdc
		18 = 18 Vdc	18 = 18 Vdc	RD = Dual	90 = 9 W		
		24 = 24 Vdc	24 = 24 Vdc		100=10 W		
		48 = 48 Vdc	48 = 48 Vdc				

vx = x. Version

RD-Series							
RD1	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RD1-S02	0.25	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 / 3.0	NO	DIL 8
RD1-S05	0.5	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 / 3.0		
RD1-S10	1.0	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 / 3.0		
RD1-D10	1.0	3.3/5/12/15/24	±3.3/5/7.2/9/12/15/18/24	Dual	1.0 / 3.0		
RD1-E10	1.0	3.3/5/12/15/24	2* 3.3/5/7.2/9/12/15/18/24	Dual Separate	1.0 / 3.0		
RD1-S15	1.5	5/12/24/48	3.3/5/7.2/9/12/15/18/24	Single	1.0 / 3.0		

RD-Series							
RD2	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RD2-S10	1.0	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 ~ 6.0	NO	DIL 14
RD2-D10	1.0	3.3/5/12/15/24	±3.3/5/7.2/9/12/15/18/24	Dual	1.0 ~ 6.0		
RD2-E10	1.0	5/12/24	2* 5/7.2/9/12/15	Dual Separate	1.0 / 3.0		
RD2-T10	1.0	5/12/24	5 & 3.3/7.2/9/12/15	Dual Split	1.0 / 3.0		

RD-Series							
RD3	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RD3-S20	2.0	3.3/5/12/15/24	3.3/5/7.2/9/12/15/18/24	Single	1.0 ~ 6.0	NO	DIL 14
RD3-D20	2.0	3.3/5/12/15/24	±3.3/5/7.2/9/12/15/18/24	Dual	1.0 ~ 6.0		
RD3-E20	2.0	5/12/24	2* 3.3/5/7.2/9/12/15/18/24	Dual Separate	1.0 / 3.0		
RD3-T20	2.0	5/12/24	5 & 3.3/7.2/9/12/15/18/24	Dual Split	1.0 / 3.0		

RD-Series							
RD4	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RD4-RS10	1.0	3.3/5/12/24	3.3/5/7.2/9/12/15	Single	1.0 / 3.0	YES	DIL 14
RD4-RS10v2	1.0	5/12/24	3.3/5/7.2/9/12/15	Single	1.0 / 3.0		

RD-Series							
RD5	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RD5-RS10	1.0	4.5~9/9~18/18~36/36~72	3.3/5/9/12/15/24	Single	1.0 / 3.0	YES	DIL 16
RD5-RD10	1.0	4.5~9/9~18/18~36/36~72	±3.3/5/9/12/15/24	Dual	1.0 / 3.0		
RD5-RS20	2.0	4.5~9/9~18/18~36/36~72	3.3/5/9/12/15/24	Single	1.0 / 3.0		
RD5-RD20	2.0	4.5~9/9~18/18~36/36~72	±3.3/5/9/12/15/24	Dual	1.0 / 3.0		
RD5-RS100W	10.0	9~36, 18~75	3.3/5/12/15/24	Single	1.6		
RD5-RD100W	10.0	9~36, 18~75	±12/15	Dual	1.6		

RD-Series							
RD6	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RD6-RS35W	3.5	4.5~18, 9~36, 18~75	5/12/15	Single	5 kVac	YES	DIL 16
RD6-RD35W	3.5	4.5~18, 9~36, 18~75	±5/12/15	Dual	5 kVac		

RD-Series							
RD8	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RD8-RS30W	3.0	4.5~18, 9~36, 18~75	3.3/5/12/15	Single	1.6	YES	DIL 8
RD8-RD30W	3.0	4.5~18, 9~36, 18~75	±5/12/15	Dual	1.6		

RT Series

SMT - DIL8, DIL10, DIL14, DIL16

Number Structure

RTx	–	05	05	(R)S	10	D	1
Series / Package		**Input Voltage**	**Output Voltage**	**Output Type**	**Power**	**Int. Code**	**Isolation Voltage**
RSx = SIL		01 = 1.2 Vdc	01 = 1.2 Vdc	**UnRegulated:**	02 = ¼ W	Logistics Code	1 = 1000 Vdc
RDx = DIL		02 = 2.5 Vdc	02 = 2.5 Vdc	S = Single	05 = ½ W		1 = 1500 Vdc
RTx = SMD		03 = 3.3 Vdc	03 = 3.3 Vdc	D = Dual	10 = 1 W		1 = 1600 Vdc
		05 = 5.0 Vdc	05 = 5.0 Vdc	E = Separate	20 = 2 W		3 = 3000 Vdc
		07 = 7.2 Vdc	07 = 7.2 Vdc	T = Split	30 = 3 W		3 = 3500 Vdc
		09 = 9.0 Vdc	09 = 9.0 Vdc		40 = 4 W		4 = 4200 Vdc
		12 = 12 Vdc	12 = 12 Vdc	**Regulated:**	50 = 5 W		5 = 5200 Vdc
		15 = 15 Vdc	15 = 15 Vdc	RS = Single	60 = 6 W		6 = 6000 Vdc
		18 = 18 Vdc	18 = 18 Vdc	RD = Dual	90 = 9 W		
		24 = 24 Vdc	24 = 24 Vdc	E = Separate			
		48 = 48 Vdc	48 = 48 Vdc	T = Split			

vx = x. Version

RT-Series							
RT1	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RT1-S10v4	1.0	3.3/5/12/15/24	3.3/5/6/9/12/15/24	Single	3.0	NO	SMD 8
RT1-S10v5	1.0	3.3/5/12/15/24	3.3/5/9/12/15/24	Single	1.5		
RT1-S20v4	2.0	5/12/15	3.3/5/9/12/15	Single	3.0		

RT-Series							
RT3	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RT3-S10	1.0	3.3/5/12/15/24	3.3/5/9/12/15/24	Single	3.0	NO	SMD 10
RT3-D10	1.0	3.3/5/12/15/24	±3.3/5/9/12/15/24	Dual	3.0		

RT-Series							
RT7	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RT7-S10	1.0	3.3/5/12/24	3.3/5/9/12/15	Single	3.0	NO	SMD 10
RT7-D10	1.0	3.3/5/12/24	±3.3/5/9/12/15	Dual	3.0		

RR Series

DIL24

Number Structure

RRx	–	05	05	(R)S	10	D	1	(W)
Series / Package		**Input Voltage**	**Output Voltage**	**Output Type**	**Power**	**Int. Code**	**Isolation Voltage**	**Wide-Input**
RRx = DIL24		05 = 5.0 Vdc 12 = 12 Vdc 24 = 24 Vdc 48 = 48 Vdc 110 = 110 Vdc	02 = 2.5 Vdc 03 = 3.3 Vdc 05 = 5.0 Vdc 07 = 7.2 Vdc 09 = 9.0 Vdc 12 = 12 Vdc 15 = 15 Vdc 18 = 18 Vdc 24 = 24 Vdc	**Regulated:** RS = Single RD = Dual	01 = 1 W 02 = 2 W 03 = 3 W 04 = 4 W 05 = 5 W 06 = 6 W 08 = 8 W 10 = 10 W 12 = 12 W 15 = 15 W	Logistics Code	1 = 1000 Vdc 1 = 1500 Vdc 1 = 1600 Vdc 3 = 3000 Vdc 3 = 3500 Vdc 4 = 4200 Vdc 5 = 5200 Vdc 6 = 6000 Vdc	— = 2:1 W = 4:1

vx = x. Version

RR-Series							
RR2	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RR2-S02	2.0	4.5~9/9~18/18~36	5/7.2/9/12/15/18/24	Single	1.5 / 3.5	YES	DIL 24
RR2-D02	2.0	4.5~9/9~18/18~36	±5/7.2/9/12/15/18/24	Dual	1.5 / 3.5		
RR2-S03	3.0	4.5~9/9~18/18~36	5/7.2/9/12/15/18/24	Single	1.5 / 3.5		
RR2-D03	3.0	4.5~9/9~18/18~36	±5/7.2/9/12/15/18/24	Dual	1.5 / 3.5		
RR2-S05	5.0	9~18/18~36	5/9/12/15/24	Single	1.5 / 3.5		
RR2-D05	5.0	9~18/18~36	±5/9/12/15/24	Dual	1.5 / 3.5		
RR2-S06	6.0	9~18/18~36	5/9/12/15/24	Single	1.5 / 3.5		
RR2-D06	6.0	9~18/18~36	±5/9/12/15/24	Dual	1.5 / 3.5		

RR-Series							
RR4	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RR4-S03	3.0	9~18/18~36/36~72	3.3/5/7.2/9/12/15/18/24	Single	1.5 / 3.5	YES	DIL 24
RR4-D03	3.0	9~18/18~36/36~72	±3.3/5/7.2/9/12/15/18/24	Dual	1.5 / 3.5		
RR4-S05	5.0	9~18/18~36/36~72	3.3/5/7.2/9/12/15/18/24	Single	1.5 / 3.5		
RR4-D05	5.0	9~18/18~36/36~72	±3.3/5/7.2/9/12/15/18/24	Dual	1.5 / 3.5		
RR4-S06	6.0	9~18/18~36/36~72	3.3/5/7.2/9/12/15/18/24	Single	1.5 / 3.5		
RR4-D06	6.0	9~18/18~36/36~72	±3.3/5/7.2/9/12/15/18/24	Dual	1.5 / 3.5		
RR4-S08	8.0	9~18/18~36/36~72	3.3/5/7.2/9/12/15	Single	1.5		
RR4-D08	8.0	9~18/18~36/36~72	±5/7.2/9/12/15	Dual	1.5		
RR4-S10	10.0	9~18/18~36/36~75	2.5/3.3/5/12/15	Single	1.5		
RR4-D10	10.0	9~18/18~36/36~75	±12/15	Dual	1.5		

RR-Series							
RR5	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RR5-S02	2.0	9~36	5/9/12/15/24	Single	1.5 / 3.5	YES	DIL 24
RR5-D02	2.0	9~36	±5/9/12/15/24	Dual	1.5 / 3.5		
RR5-S03	3.0	9~36	5/9/12/15/24	Single	1.5 / 3.5		
RR5-D03	3.0	9~36	±5/9/12/15/24	Dual	1.5 / 3.5		
RR5-S05	5.0	9~36	3.3/5/12/15	Single	1.5 / 3.5		
RR5-D05	5.0	9~36	±5/12/15	Dual	1.5 / 3.5		

RR-Series							
RR6	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RR6-S04	4.0	9~36/18~72	3.3/5/7.2/9/12/15/24	Single	1.5 / 3.5	YES	DIL 24
RR6-D04	4.0	9~36/18~72	±3.3/5/7.2/9/12/15/24	Dual	1.5 / 3.5		
RR6-S05	5.0	9~36/18~72	3.3/5/7.2/9/12/15/24	Single	1.5 / 3.5		
RR6-D05	5.0	9~36/18~72	±3.3/5/7.2/9/12/15/24	Dual	1.5 / 3.5		
RR6-S06	6.0	9~36/18~72	3.3/5/7.2/9/12/15/24	Single	1.5 / 3.5		
RR6-D06	6.0	9~36/18~72	±3.3/5/7.2/9/12/15/24	Dual	1.5 / 3.5		

RR-Series							
RR7	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RR7-S03	3.0	9~36/18~72	3.3/5/7.2/9/12/15/18/24	Single	1.5 / 3.5	YES	DIL 24
RR7-D03	3.0	9~36/18~72	±3.3/5/7.2/9/12/15/18/24	Dual	1.5 / 3.5		
RR7-S05	5.0	9~36/18~72	3.3/5/7.2/9/12/15/18/24	Single	1.5 / 3.5		
RR7-D05	5.0	9~36/18~72	±3.3/5/7.2/9/12/15/18/24	Dual	1.5 / 3.5		
RR7-S06	6.0	9~36/18~72	3.3/5/7.2/9/12/15/18/24	Single	1.5 / 3.5		
RR7-D06	6.0	9~36/18~72	±3.3/5/7.2/9/12/15/18/24	Dual	1.5 / 3.5		

RR-Series							
RR8	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RR8-S/D10W	10.0	9~36/18~75	3.3/5/12/15	Single	1.6	YES	DIL 24
RR8-S/D10W	10.0	9~36/18~75	±12/15	Dual	1.6		
RR8-S12	12.0	9~18/18~36/36~75	2.5/3.3/5/5.1/12/15	Single	1.6		
RR8-D12	12.0	9~18/18~36/36~75	±12/15	Dual	1.6		
RR8-S12W	12.0	9~36/18~75	3.3/5.1/12/15	Single	1.6		
RR8-D12W	12.0	9~36/18~75	±5/12/15	Dual	1.6		
RR8-S15	15.0	9~18/18~36/36~75	3.3/5.1/12/15	Single	1.6		
RR8-D15	15.0	9~18/18~36/36~75	±5/12/15	Dual	1.6		
RR8-S15W	15.0	9~36/18~75	3.3/5.1/12/15	Single	1.6		
RR8-D15W	15.0	9~36/18~75	±5/12/15	Dual	1.6		

RR-Series							
RRA	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RRA-S08	8.0	13~70/42~176	3.3/5/12/15	Single	3.0	YES	DIL 24
RRA-D08	8.0	13~70/42~176	±5/12/15	Dual	3.0		

RR-Series							
RRD	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RRD-S03	3.0	9~18/18~36/36~75	3.3/5/12/15/24	Single	1.5 / 3.0	YES	DIL 24
RRD-D03	3.0	9~18/18~36/36~75	±3.3/5/12/15/24	Dual	1.5 / 3.0		
RRD-S03W	3.0	9~36/18~75	3.3/5/12/15/24	Single	1.5 / 3.0		
RRD-D03W	3.0	9~36/18~75	±3.3/5/12/15/24	Dual	1.5 / 3.0		
RRD-S06	6.0	9~18/18~36/36~75	3.3/5/12/15/24	Single	1.5 / 3.0		
RRD-D06	6.0	9~18/18~36/36~75	±3.3/5/12/15/24	Dual	1.5 / 3.0		
RRD-S06W	6.0	9~36/18~75	3.3/5/12/15/24	Single	1.5 / 3.0		
RRD-D06W	6.0	9~36/18~75	±3.3/5/12/15/24	Dual	1.5 / 3.0		

RV Series

1“ x 1“, 2“ x 1“

Number Structure

RVx	–	05	05	S	10	D	1	(W)
Series / Package		**Input Voltage**	**Output Voltage**	**Output Type**	**Power**	**Int. Code**	**Isolation Voltage**	**Wide-Input**
RV7 = 1“*1“ RV8 = 2“*1“		12 = 12 Vdc 24 = 24 Vdc 48 = 48 Vdc	03 = 3.3 Vdc 05 = 5.0 Vdc 07 = 7.2 Vdc 09 = 9.0 Vdc 12 = 12 Vdc 15 = 15 Vdc	**Regulated:** S = Single D = Dual P = Tripple	15 = 15 W 20 = 20 W 30 = 30 W 40 = 40 W 50 = 50 W 60 = 60 W	Logistics Code	1 = 1600 Vdc	— = 2:1 W = 4:1

vx = x. Version

RV-Series							
RV7	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RV7-S15	15.0	9~18/18~36/36~75	3.3/5/12/15	Single	1.6	YES	1“ x 1“
RV7-D15	15.0	9~18/18~36/36~75	±5/12/15	Dual	1.6		
RV7-S15W	15.0	9~36/18~75	3.3/5/12/15	Single	1.6		
RV7-D15W	15.0	9~36/18~75	±5/12/15	Dual	1.6		
RV7-S20	20.0	9~18/18~36/36~75	3.3/5/12/15	Single	1.6		
RV7-D20	20.0	9~18/18~36/36~75	±12/15	Dual	1.6		
RV7-S20W	20.0	9~36/18~75	3.3/5/12/15	Single	1.6		
RV7-D20W	20.0	9~36/18~75	±12/15	Dual	1.6		
RV7-S30	30.0	9~18/18~36/36~75	3.3/5/12/15	Single	1.6		
RV7-D30	30.0	9~18/18~36/36~75	±12/15	Dual	1.6		
RV7-S30W	30.0	9~36/18~75	3.3/5/12/15	Single	1.6		
RV7-D30W	30.0	9~36/18~75	±12/15	Dual	1.6		

RV-Series							
RV8	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RV8-S30W	30.0	9~36/18~75	3.3/5/5.1/12/15	Single	1.6	YES	2“ x 1“
RV8-D30W	30.0	9~36/18~75	±5/12/15	Dual	1.6		
RV8-P30W	30.0	9~36/18~75	3.3 & ±12/15 // 5 & ±12/15	Tripple	1.6		
RV8-S40	40.0	9~18/18~36/36~75	3.3/5/12/15	Single	1.6		
RV8-D40	40.0	9~18/18~36/36~75	±12/15	Dual	1.6		
RV8-S50	50.0	9~18/18~36/36~75	3.3/5/12/15	Single	1.6		
RV8-S60W	60.0	9~36/18~75	5/12/15	Single	1.6		
RV8-D60W	60.0	9~36/18~75	±12/15	Dual	1.6		

RV-Series							
RV9	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RV9-S15W	15.0	9~36/18~75	3.3/5/12/15	Single	3.0	YES	1“ x 1“
RV9-D15W	15.0	9~36/18~75	±5/12/15	Dual	3.0		
RV9-S20W	20.0	9~36/18~75	3.3/5/12/15	Single	3.0		
RV9-D20W	20.0	9~36/18~75	±5/12/15	Dual	3.0		

RV-Series							
RVA	**Power (W)**	**INPUT Voltage (VDC)**	**OUTPUT Voltage (VDC)**	**Type**	**Isolation (kVdc)**	**Regulated**	**Package**
RVA-S20	20.0	13~70/42~176	3.3/5/12/15	Single	3.0	YES	1“ x 1“
RVA-D20	20.0	13~70/42~176	±5/12/15	Dual	3.0		
RVA-S25	25.0	16~160	5/12/15/24	Single	3.0		

www.acalbfi.com/de/

https://rsg-electronic.de/dcdc-wandler

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Notes

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