

RB12V Series

Backup Batteries for
Power Controllers



SDC's **RB12V Series** batteries provide backup power for power controllers. DC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power outage.

SDC's 600 series power supplies with RF cabinet enclosures can accommodate up to four RB12V4 batteries. 600 series power supplies with RFA cabinet enclosures can accommodate up to six RB12V4 or RB12V7 batteries.

For 24 VDC standby power, batteries must be ordered in pairs. A minimum of two RB12V batteries are required to provide 24 VDC standby output power.

MODELS

RB12V4 12V / 5Ah Battery

RB12V7 12V / 7Ah Battery

STANDARD FEATURES

- Standby DC power
- 12 or 24 VDC standby output*

* Batteries must be ordered in pairs for 24 VDC output power, meaning a minimum of two batteries is required.



600 series power supply with two RB12V4 batteries.

APPLICATIONS

RB12V4 12V / 5Ah Battery

Standby Power	12 VDC						24 VDC		
Battery Qty	1	2	3	4	5	6	2	4	6
Amp Hours (Ah)	5	10	15	20	25	30	5	10	15
Current Load / Amps	Power Backup Time in Hours								
0.25	19.6	49.4	84.8	124.4	167.5	213.6	19.6	49.4	84.8
0.5	7.8	19.5	33.5	49.2	66.2	84.4	7.8	19.5	33.5
0.75	4.5	11.3	19.5	28.6	38.5	49.1	4.5	11.3	19.5
1	3.1	7.7	13.3	19.4	26.2	33.4	3.1	7.7	13.3
1.5	1.8	4.5	7.7	11.3	15.2	19.4	1.8	4.5	7.7
2	1.2	3.1	5.2	7.7	10.3	13.2	1.2	3.1	5.2
4	0.5	1.2	2.1	3	4.1	5.2	0.5	1.2	2.1
6	0.3	0.7	1.2	1.8	2.4	3	0.3	0.7	1.2

RB12V7 12V / 7Ah Battery

Standby Power	12 VDC						24 VDC		
Battery Qty	1	2	3	4	5	6	2	4	6
Amp Hours (Ah)	7	14	21	28	35	42	7	14	21
Current Load / Amps	Power Backup Time in Hours								
0.25	30.7	77.4	132.8	198.4	262.3	334.4	30.7	77.4	132.8
0.5	12.1	30.6	52.5	77	103.7	132.2	12.1	30.6	52.5
0.75	7.1	17.8	30.5	44.7	60.2	76.8	7.1	17.8	30.5
1	4.8	12.1	20.7	30.4	41	52.2	4.8	12.1	20.7
1.5	2.8	7	12.1	17.7	23.8	30.4	2.8	7	12.1
2	1.9	4.8	8.2	12	16.2	20.7	1.9	4.8	8.2
4	0.7	1.9	3.2	4.8	6.4	8.2	0.7	1.9	3.2
6	0.4	1.1	1.9	2.8	3.7	4.7	0.4	1.1	1.9

VOLTAGE CALCULATORS

[CLICK TO VIEW](#)

Utilize SDC's online calculators to calculate any discharge time.

HOW TO ORDER

FOLLOW STEPS FOR ORDERING

 Designates optional step

1| SPECIFY MODEL

RB12V4 12V / 5Ah Battery

RB12V7 12V / 7Ah Battery

STEP NUMBER: 1

ORDERING EXAMPLE: **RB12V4**

RELATED PRODUCTS

RB12V4-2 12V/5Ah Battery, Qty 2 Pack

RB12V7-2 12V/7Ah Battery, Qty 2 Pack