





# 5-6 WATT 2:1 WIDE INPUT RANGE DC/DC POWER MODULES

Remote ON/OFF Option (Rectangle Package)

**ELECTRICAL SPECIFICATIONS AT 25°C - OPERATING TEMPERATURE RANGE -25°C TO +75°C**

PART NUMBER (Note #1)	Premier Magnetics Old Part # (Note #2)	INPUT VOLTAGE		OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mAdc)	INPUT CURRENT		TYPICAL EFFICIENCY
		NOMINAL	RANGE			NO LOAD mA	FULL LOAD mA	
PDCS06031	E2AS1203NX	12	9-18	3.3	1000	7.5	405	68 %
PDCS06032	E2AS1205NX	12	9-18	5	1000	7.5	545	76 %
PDCS06033	E2AS1212NX	12	9-18	12	470	7.5	585	80 %
PDCS06034	E2AS1215NX	12	9-18	15	400	7.5	625	80 %
PDCD06032	E2AD1205NX	12	9-18	±5	±500	12	545	76 %
PDCD06033	E2AD1212NX	12	9-18	±12	±230	12	575	80 %
PDCD06034	E2AD1215NX	12	9-18	±15	±190	12	590	80 %
PDCS06041	E2AS2403NX	24	18-36	3.3	1000	5	195	70 %
PDCS06042	E2AS2405NX	24	18-36	5	1000	5	265	78 %
PDCS06043	E2AS2412NX	24	18-36	12	470	5	285	82 %
PDCS06044	E2AS2415NX	24	18-36	15	400	5	305	82 %
PDCD06042	E2AD2405NX	24	18-36	±5	±500	7.5	265	78 %
PDCD06043	E2AD2412NX	24	18-36	±12	±230	7.5	285	81 %
PDCD06044	E2AD2415NX	24	18-36	±15	±190	7.5	295	81 %
PDCS06051	E2AS4803NX	48	36-72	3.3	1000	2	98	70 %
PDCS06052	E2AS4805NX	48	36-72	5	1000	2	133	78 %
PDCS06053	E2AS4812NX	48	36-72	12	470	2	145	81 %
PDCS06054	E2AS4815NX	48	36-72	15	400	2	154	81 %
PDCD06052	E2AD4805NX	48	36-72	±5	±500	3	265	78 %
PDCD06053	E2AD4812NX	48	36-72	±12	±230	3	142	81 %
PDCD06054	E2AD4815NX	48	36-72	±15	±190	3	147	81 %

**NOTE #1:**

**PDCx06xxx :** FOR STANDARD PART WITH ISOLATION = 500VDC

**PDCx06xxxK :** ADD "K" FOR PART WITH ISOLATION = 1500VDC

**PDCx06xxxQ :** ADD "Q" FOR PART WITH ISOLATION = 3000VDC

**PDCx06xxxR :** ADD "R" FOR PART WITH ISOLATION = 3000VDC AND REMOTE ON/OFF

**NOTE #2: (FOR PREMIER MAGNETICS OLD PART #)**

**E2AXXXXXNX :** FOR STANDARD PART WITH ISOLATION = 500VDC

**E2AXXXXXNM :** FOR PART WITH ISOLATION = 1500VDC

**E2AXXXXXNT :** FOR PART WITH ISOLATION = 3000VDC

**E2AXXXXXTR :** FOR PART WITH ISOLATION = 3000VDC AND REMOTE ON/OFF