

# OUTLINE PRODUCT SPECIFICATION

## Miniature and Point of Load DC-DC Converters



### APC-PD6NG-XXXXE2: 1KV ISOLATED 1W REGULATED SINGLE OUTPUT SIP8

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD (mA)	INPUT CURRENT FULL LOAD (mA)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max.mA)
APC-PD6NG-053R3E2:1	4.5 - 9	24	243	3,3	303
APC-PD6NG-0505E2:1	4.5 - 9	23	229	5	200
APC-PD6NG-0509E2:1	4.5 - 9	23	229	9	111
APC-PD6NG-0512E2:1	4.5 - 9	23	226	12	83
APC-PD6NG-0515E2:1	4.5 - 9	22	222	15	66
APC-PD6NG-0524E2:1	4.5 - 9	23	227	24	42
APC-PD6NG-123R3E2:1	9 - 18	24	236	3,3	303
APC-PD6NG-1205E2:1	9 - 18	13	111	5	200
APC-PD6NG-1209E2:1	9 - 18	12	110	9	111
APC-PD6NG-1212E2:1	9 - 18	11	106	12	83
APC-PD6NG-1215E2:1	9 - 18	11	108	15	66
APC-PD6NG-1224E2:1	9 - 18	11	110	24	42
APC-PD6NG-243R3E2:1	18 - 36	7	58	3,3	303
APC-PD6NG-2405E2:1	18 - 36	7	55	5	200
APC-PD6NG-2409E2:1	18 - 36	8	55	9	111
APC-PD6NG-2412E2:1	18 - 36	7	55	12	83
APC-PD6NG-2415E2:1	18 - 36	6	53	15	66
APC-PD6NG-2424E2:1	18 - 36	7	54	24	42
APC-PD6NG-483R3E2:1	36 - 72	3	29	3,3	303
APC-PD6NG-4805E2:1	36 - 72	4	27	5	200
APC-PD6NG-4809E2:1	36 - 72	4	27	9	111
APC-PD6NG-4812E2:1	36 - 72	3	27	12	83
APC-PD6NG-4815E2:1	36 - 72	3	26	15	66
APC-PD6NG-4824E2:1	36 - 72	3	26	24	42

### APC-PD10NG-XXXXE2:1 1KV ISOLATED 2W REGULATED SINGLE OUTPUT SIP8

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD (mA)	INPUT CURRENT FULL LOAD (mA)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max.mA)
APC-PD10NG-053R3E2:1	4.5 - 9	41	487	3,3	606
APC-PD10NG-0505E2:1	4.5 - 9	37	455	5	400
APC-PD10NG-0509E2:1	4.5 - 9	38	458	9	222
APC-PD10NG-0512E2:1	4.5 - 9	37	452	12	167
APC-PD10NG-0515E2:1	4.5 - 9	37	452	15	133
APC-PD10NG-0524E2:1	4.5 - 9	37	452	24	83
APC-PD10NG-123R3E2:1	9 - 18	24	237	3,3	606
APC-PD10NG-1205E2:1	9 - 18	23	219	5	400
APC-PD10NG-1209E2:1	9 - 18	22	215	9	222
APC-PD10NG-1212E2:1	9 - 18	22	212	12	167
APC-PD10NG-1215E2:1	9 - 18	22	212	15	133
APC-PD10NG-1224E2:1	9 - 18	22	217	24	83
APC-PD10NG-243R3E2:1	18 - 36	12	117	3,3	606
APC-PD10NG-2405E2:1	18 - 36	12	111	5	400
APC-PD10NG-2409E2:1	18 - 36	12	108	9	222
APC-PD10NG-2412E2:1	18 - 36	12	105	12	167
APC-PD10NG-2415E2:1	18 - 36	11	102	15	133
APC-PD10NG-2424E2:1	18 - 36	11	106	24	83
APC-PD10NG-483R3E2:1	36 - 72	8	58	3,3	606
APC-PD10NG-4805E2:1	36 - 72	7	54	5	400
APC-PD10NG-4809E2:1	36 - 72	7	53	9	222
APC-PD10NG-4812E2:1	36 - 72	7	52	12	167
APC-PD10NG-4815E2:1	36 - 72	7	52	15	133
APC-PD10NG-4824E2:1	36 - 72	7	53	24	83

# OUTLINE PRODUCT SPECIFICATION

## Miniature and Point of Load DC-DC Converters



### APC-PD6NG-XXXXZ2:1 1KV ISOLATED 1W REGULATED DUAL OUTPUT SIP8

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD (mA)	INPUT CURRENT FULL LOAD (mA)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max.mA)
APC-PD6NG-053R3Z2:1	4.5 - 9	24	243	± 3.3	± 152
APC-PD6NG-0505Z2:1	4.5 - 9	23	236	± 5	± 100
APC-PD6NG-0509Z2:1	4.5 - 9	23	232	± 9	± 55
APC-PD6NG-0512Z2:1	4.5 - 9	23	229	± 12	± 42
APC-PD6NG-0515Z2:1	4.5 - 9	23	229	± 15	± 33
APC-PD6NG-0524Z2:1	4.5 - 9	23	229	± 24	± 21
APC-PD6NG-123R3Z2:1	9 - 18	24	236	± 3.3	± 152
APC-PD6NG-1205Z2:1	9 - 18	12	113	± 5	± 100
APC-PD6NG-1209Z2:1	9 - 18	12	111	± 9	± 55
APC-PD6NG-1212Z2:1	9 - 18	11	110	± 12	± 42
APC-PD6NG-1215Z2:1	9 - 18	11	110	± 15	± 33
APC-PD6NG-1224Z2:1	9 - 18	12	111	± 24	± 21
APC-PD6NG-243R3Z2:1	18 - 36	7	58	±3.3	± 152
APC-PD6NG-2405Z2:1	18 - 36	7	57	± 5	± 100
APC-PD6NG-2409Z2:1	18 - 36	7	56	± 9	± 55
APC-PD6NG-2412Z2:1	18 - 36	7	55	± 12	± 42
APC-PD6NG-2415Z2:1	18 - 36	7	55	± 15	± 33
APC-PD6NG-2424Z2:1	18 - 36	7	56	± 24	± 21
APC-PD6NG-483R3Z2:1	36 - 72	3	29	± 3.3	± 152
APC-PD6NG-4805Z2:1	36 - 72	4	28	± 5	± 100
APC-PD6NG-4809Z2:1	36 - 72	4	28	± 9	± 55
APC-PD6NG-4812Z2:1	36 - 72	4	27	± 12	± 42
APC-PD6NG-4815Z2:1	36 - 72	4	27	± 15	± 33
APC-PD6NG-4824Z2:1	36 - 72	4	28	± 24	± 21

### APC-PD10NG-XXXXZ2:1 1KV ISOLATED 2W REGULATED DUAL OUTPUT SIP8

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD (mA)	INPUT CURRENT FULL LOAD (mA)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max.mA)
APC-PD10NG-053R3Z2:1	4.5 - 9	41	487	± 3.3	± 303
APC-PD10NG-0505Z2:1	4.5 - 9	37	473	± 5	± 200
APC-PD10NG-0509Z2:1	4.5 - 9	37	467	± 9	± 111
APC-PD10NG-0512Z2:1	4.5 - 9	35	442	± 12	± 83
APC-PD10NG-0515Z2:1	4.5 - 9	35	442	± 15	± 67
APC-PD10NG-0524Z2:1	4.5 - 9	35	442	± 24	± 42
APC-PD10NG-123R3Z2:1	9 - 18	24	237	± 3.3	± 303
APC-PD10NG-1205Z2:1	9 - 18	23	227	± 5	± 200
APC-PD10NG-1209Z2:1	9 - 18	22	213	± 9	± 111
APC-PD10NG-1212Z2:1	9 - 18	22	213	± 12	± 83
APC-PD10NG-1215Z2:1	9 - 18	22	213	± 15	± 67
APC-PD10NG-1224Z2:1	9 - 18	22	213	± 24	± 42
APC-PD10NG-243R3Z2:1	18 - 36	12	117	±3.3	±303
APC-PD10NG-2405Z2:1	18 - 36	12	109	± 5	± 200
APC-PD10NG-2409Z2:1	18 - 36	12	108	± 9	±111
APC-PD10NG-2412Z2:1	18 - 36	12	109	± 12	± 83
APC-PD10NG-2415Z2:1	18 - 36	12	107	± 15	± 67
APC-PD10NG-2424Z2:1	18 - 36	11	106	± 24	± 42
APC-PD10NG-483R3Z2:1	36 - 72	8	58	± 3.3	± 303
APC-PD10NG-4805Z2:1	36 - 72	6	54	± 5	± 200
APC-PD10NG-4809Z2:1	36 - 72	7	53	± 9	± 111
APC-PD10NG-4812Z2:1	36 - 72	6	52	± 12	± 83
APC-PD10NG-4815Z2:1	36 - 72	6	52	± 15	± 67
APC-PD10NG-4824Z2:1	36 - 72	6	52	± 24	±42

# OUTLINE PRODUCT SPECIFICATION

## Miniature and Point of Load DC-DC Converters



### APC-PD6NG-XXXXE2:1H30 3KV ISOLATED 1W REGULATED SINGLE OUTPUT SIP8

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD (mA)	INPUT CURRENT FULL LOAD (mA)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max.mA)
APC-PD6NG-053R3E2:1H30	4.5 - 9	24	243	3,3	303
APC-PD6NG-0505E2:1H30	4.5 - 9	23	229	5	200
APC-PD6NG-0509E2:1H30	4.5 - 9	23	229	9	111
APC-PD6NG-0512E2:1H30	4.5 - 9	23	226	12	83
APC-PD6NG-0515E2:1H30	4.5 - 9	22	222	15	66
APC-PD6NG-0524E2:1H30	4.5 - 9	23	227	24	42
APC-PD6NG-123R3E2:1H30	9 - 18	24	236	3,3	303
APC-PD6NG-1205E2:1H30	9 - 18	13	111	5	200
APC-PD6NG-1209E2:1H30	9 - 18	12	110	9	111
APC-PD6NG-1212E2:1H30	9 - 18	11	106	12	83
APC-PD6NG-1215E2:1H30	9 - 18	11	108	15	66
APC-PD6NG-1224E2:1H30	9 - 18	11	110	24	42
APC-PD6NG-243R3E2:1H30	18 - 36	7	58	3,3	303
APC-PD6NG-2405E2:1H30	18 - 36	7	55	5	200
APC-PD6NG-2409E2:1H30	18 - 36	8	55	9	111
APC-PD6NG-2412E2:1H30	18 - 36	7	55	12	83
APC-PD6NG-2415E2:1H30	18 - 36	6	53	15	66
APC-PD6NG-2424E2:1H30	18 - 36	7	54	24	42
APC-PD6NG-483R3E2:1H30	36 - 72	3	29	3,3	303
APC-PD6NG-4805E2:1H30	36 - 72	4	27	5	200
APC-PD6NG-4809E2:1H30	36 - 72	4	27	9	111
APC-PD6NG-4812E2:1H30	36 - 72	3	27	12	83
APC-PD6NG-4815E2:1H30	36 - 72	3	26	15	66
APC-PD6NG-4824E2:1H30	36 - 72	3	26	24	42

### APC-PD10NG-XXXXE2:1H30 3KV ISOLATED 2W REGULATED SINGLE OUTPUT SIP8

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD (mA)	INPUT CURRENT FULL LOAD (mA)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max.mA)
APC-PD10NG-053R3E2:1H30	4.5 - 9	41	487	3,3	606
APC-PD10NG-0505E2:1H30	4.5 - 9	37	455	5	400
APC-PD10NG-0509E2:1H30	4.5 - 9	38	458	9	222
APC-PD10NG-0512E2:1H30	4.5 - 9	37	452	12	167
APC-PD10NG-0515E2:1H30	4.5 - 9	37	452	15	133
APC-PD10NG-0524E2:1H30	4.5 - 9	37	452	24	83
APC-PD10NG-123R3E2:1H30	9 - 18	24	237	3,3	606
APC-PD10NG-1205E2:1H30	9 - 18	23	219	5	400
APC-PD10NG-1209E2:1H30	9 - 18	22	215	9	222
APC-PD10NG-1212E2:1H30	9 - 18	22	212	12	167
APC-PD10NG-1215E2:1H30	9 - 18	22	212	15	133
APC-PD10NG-1224E2:1H30	9 - 18	22	217	24	83
APC-PD10NG-243R3E2:1H30	18 - 36	12	117	3,3	606
APC-PD10NG-2405E2:1H30	18 - 36	12	111	5	400
APC-PD10NG-2409E2:1H30	18 - 36	12	108	9	222
APC-PD10NG-2412E2:1H30	18 - 36	12	105	12	167
APC-PD10NG-2415E2:1H30	18 - 36	11	102	15	133
APC-PD10NG-2424E2:1H30	18 - 36	11	106	24	83
APC-PD10NG-483R3E2:1H30	36 - 72	8	58	3,3	606
APC-PD10NG-4805E2:1H30	36 - 72	7	54	5	400
APC-PD10NG-4809E2:1H30	36 - 72	7	53	9	222
APC-PD10NG-4812E2:1H30	36 - 72	7	52	12	167
APC-PD10NG-4815E2:1H30	36 - 72	7	52	15	133
APC-PD10NG-4824E2:1H30	36 - 72	7	53	24	83

# OUTLINE PRODUCT SPECIFICATION

## Miniature and Point of Load DC-DC Converters



### APC-PD6NG-XXXXZ2:1H30 3KV ISOLATED 1W REGULATED DUAL OUTPUT SIP8

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD (mA)	INPUT CURRENT FULL LOAD (mA)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max.mA)
APC-PD6NG-053R3Z2:1H30	4.5 - 9	24	243	± 3.3	± 152
APC-PD6NG-0505Z2:1H30	4.5 - 9	23	236	± 5	± 100
APC-PD6NG-0509Z2:1H30	4.5 - 9	23	232	± 9	± 55
APC-PD6NG-0512Z2:1H30	4.5 - 9	23	229	± 12	± 42
APC-PD6NG-0515Z2:1H30	4.5 - 9	23	229	± 15	± 33
APC-PD6NG-0524Z2:1H30	4.5 - 9	23	229	± 24	± 21
APC-PD6NG-123R3Z2:1H30	9 - 18	24	236	± 3.3	± 152
APC-PD6NG-1205Z2:1H30	9 - 18	12	113	± 5	± 100
APC-PD6NG-1209Z2:1H30	9 - 18	12	111	± 9	± 55
APC-PD6NG-1212Z2:1H30	9 - 18	11	110	± 12	± 42
APC-PD6NG-1215Z2:1H30	9 - 18	11	110	± 15	± 33
APC-PD6NG-1224Z2:1H30	9 - 18	12	111	± 24	± 21
APC-PD6NG-243R3Z2:1H30	18 - 36	7	58	±3.3	± 152
APC-PD6NG-2405Z2:1H30	18 - 36	7	57	± 5	± 100
APC-PD6NG-2409Z2:1H30	18 - 36	7	56	± 9	± 55
APC-PD6NG-2412Z2:1H30	18 - 36	7	55	± 12	± 42
APC-PD6NG-2415Z2:1H30	18 - 36	7	55	± 15	± 33
APC-PD6NG-2424Z2:1H30	18 - 36	7	56	± 24	± 21
APC-PD6NG-483R3Z2:1H30	36 - 72	3	29	± 3.3	± 152
APC-PD6NG-4805Z2:1H30	36 - 72	4	28	± 5	± 100
APC-PD6NG-4809Z2:1H30	36 - 72	4	28	± 9	± 55
APC-PD6NG-4812Z2:1H30	36 - 72	4	27	± 12	± 42
APC-PD6NG-4815Z2:1H30	36 - 72	4	27	± 15	± 33
APC-PD6NG-4824Z2:1H30	36 - 72	4	28	± 24	± 21

### APC-PD10NG-XXXXZ2:1H30 3KV ISOLATED 2W REGULATED DUAL OUTPUT SIP8

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD (mA)	INPUT CURRENT FULL LOAD (mA)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max.mA)
APC-PD10NG-053R3Z2:1H30	4.5 - 9	41	487	± 3.3	± 303
APC-PD10NG-0505Z2:1H30	4.5 - 9	37	473	± 5	± 200
APC-PD10NG-0509Z2:1H30	4.5 - 9	37	467	± 9	± 111
APC-PD10NG-0512Z2:1H30	4.5 - 9	35	442	± 12	± 83
APC-PD10NG-0515Z2:1H30	4.5 - 9	35	442	± 15	± 67
APC-PD10NG-0524Z2:1H30	4.5 - 9	35	442	± 24	± 42
APC-PD10NG-123R3Z2:1H30	9 - 18	24	237	± 3.3	± 303
APC-PD10NG-1205Z2:1H30	9 - 18	23	227	± 5	± 200
APC-PD10NG-1209Z2:1H30	9 - 18	22	213	± 9	± 111
APC-PD10NG-1212Z2:1H30	9 - 18	22	213	± 12	± 83
APC-PD10NG-1215Z2:1H30	9 - 18	22	213	± 15	± 67
APC-PD10NG-1224Z2:1H30	9 - 18	22	213	± 24	± 42
APC-PD10NG-243R3Z2:1H30	18 - 36	12	117	±3.3	±303
APC-PD10NG-2405Z2:1H30	18 - 36	12	109	± 5	± 200
APC-PD10NG-2409Z2:1H30	18 - 36	12	108	± 9	±111
APC-PD10NG-2412Z2:1H30	18 - 36	12	109	± 12	± 83
APC-PD10NG-2415Z2:1H30	18 - 36	12	107	± 15	± 67
APC-PD10NG-2424Z2:1H30	18 - 36	11	106	± 24	± 42
APC-PD10NG-483R3Z2:1H30	36 - 72	8	58	± 3.3	± 303
APC-PD10NG-4805Z2:1H30	36 - 72	6	54	± 5	± 200
APC-PD10NG-4809Z2:1H30	36 - 72	7	53	± 9	± 111
APC-PD10NG-4812Z2:1H30	36 - 72	6	52	± 12	± 83
APC-PD10NG-4815Z2:1H30	36 - 72	6	52	± 15	± 67
APC-PD10NG-4824Z2:1H30	36 - 72	6	52	± 24	±42

Information and specifications contained in this data sheet are believed to be correct at the time of publication. However, APC accept no responsibility for consequences arising from printing errors or inaccuracies. Specifications are subject to change without notice.