

DC to DC Converters

PCA Part No.	Packages L / W / H	V in Volts	V in Tolerance (% , Max.)	V out Volts (± 5%)	I out mA (Max.)	Ripple mV P-P (Max.)	Efficiency % (Typ.)	Isolation Vrms	Regulation	Enable
EPC1000P	1.300 / .800 / .530	4-7.5	---	9	250	200	73	500	Precision Reg	No ✓
EPC1002PS**	1.300 / .800 / .530	4-7.5	---	9	250	100	73	500	Precision Reg	High ✓
EPC1005P	1.300 / .800 / .530 †	7.5-16	---	9	250	100	73	500	Precision Reg	No ✓
EPC1006	1.050 / .610 / .415	3.5-7.0	---	-24.25	20	N/A	65	N/A	Precision Reg	No ⊕
EPC1007H/P	1.300 / .585 / .375 †	5	N/A	9	200	100	75	2000/500	Unregulated	No
EPC1008H/P	1.300 / .585 / .375 †	12	N/A	9	200	100	75	2000/500	Unregulated	No
EPC1010	0.590 / .510 / .540	10-40	---	5	400	N/A	80	N/A	Precision Reg	No ⊕
EPC1011	0.590 / .510 / .540	10-40	---	6	350	N/A	80	N/A	Precision Reg	No ⊕
EPC1012H/P	1.300 / .585 / .375 †	12	10 %	9	200	100	70	2000/500	Regulated	Low
EPC1013H/P	1.300 / .585 / .375 †	12	10 %	9	200	100	70	2000/500	Regulated	No
EPC1014P	1.300 / .800 / .530	4-14	---	9	250	100	73	500	Precision Reg	No ✓
EPC1015H/P	1.300 / .585 / .375 †	5	10 %	9	200	100	70	2000/500	Regulated	No
EPC1016H/P	1.300 / .800 / .530 †	12	10 %	9	200	100	70	2000/500	Regulated	No
EPC1017H/P	1.300 / .800 / .530 †	5	10 %	9	250	100	70	2000/500	Regulated	No ✓
EPC1018H/P	1.300 / .585 / .375 †	5	N/A	9	200	100	75	2000/500	Unregulated	No
EPC1019H/P	1.300 / .585 / .375	12	10 %	9	200	100	70	2000/500	Regulated	High
EPC1020H/P	1.300 / .585 / .375 †	5	10 %	9	250	100	70	2000/500	Regulated	High
EPC1021	1.050 / .610 / .415	4-6	---	-20	50	N/A	70	N/A	Precision Reg	No ⊕
EPC1025H/P	1.300 / .585 / .375 †	12	10 %	5	330	100	62	2000/500	Regulated	No
EPC1026P	1.300 / .340 / .580	5	10 %	5.2	450	100	80	500	Unregulated	No
EPC1027H/P	1.300 / 1.300 / .400	12	N/A	9	200	100	70	2000/500	Regulated	No
EPC1029C	1.300 / .800 / .400	5	5 %	01	01	100	70	2500	Unregulated	No
EPC1037H/P	1.300 / .800 / .400 †	15.75	± 1.25 V	02	02	100	70	2000/500	Regulated	No
EPC1038P	1.300 / .585 / .375 †	5	10 %	12	165	50	70	500	Regulated	Low
EPC1041P	1.300 / .800 / .530	65-70	---	±5	60	100	82	500	Unregulated	No
EPC1046H	1.300 / .800 / .400	15.75	± 1.25 V	03	03	03	70	2000	Regulated	No
EPC1053	1.270 / .680 / .480	7.5-16	---	9	250	100	70*	500	Precision Reg	No ✓
EPC1054H/P	1.300 / .585 / .375 †	5	10 %	9	225	100	70	2000/500	Regulated	Low
EPC1055H/P	1.300 / .585 / .375 †	5	10 %	15	135	100	70	2000/500	Regulated	No
EPC1057H/P	1.300 / .800 / .530	4-14	---	7	250	100	73	2000/500	Precision Reg	No
EPC1058H/P	1.300 / .585 / .375 †	16	10 %	5	330	100	62	2500/500	Regulated	No
EPC1059P	1.300 / .800 / .530	65-70	---	28	60	100	82	500	Unregulated	No
EPC1061P	1.300 / .340 / .580	5	N/A	±7	25	100	70	500	Unregulated	No
EPC1062H/P	1.300 / .585 / .375 †	12	N/A	9	225	100	78	2000/500	Unregulated	No
EPC1063C	1.300 / .800 / .400 †	5	N/A	12	200	100	75	2500	Unregulated	No
EPC1063H//P	1.300 / .585 / .375 †	5	N/A	12	200	100	75	2000/500	Unregulated	No
EPC1064P	1.300 / .800 / .530	4-14	---	9	250	100	73	500	Precision Reg	No
EPC1065H/P	1.300 / .585 / .375 †	12	N/A	9	200	100	75	2000/500	Unregulated	Low
EPC1066H/P	1.300 / .585 / .375 †	12	10 %	5	385	100	65	2000/500	Regulated	No
EPC1067H/P	1.300 / .800 / .530	6-7.4	---	04	175	100	78	2000/500	Regulated	No
EPC1068	0.590 / .510 / .540	10-40	---	3.3	400	N/A	80	N/A	Precision Reg	No
EPC1069H/P	1.300 / .585 / .375 †	5	N/A	9	200	100	75	2000/500	Unregulated	Low
EPC1070	2.000 / 1.00 / .600	5	5 %	12	500	200	70	N/A	Precision Reg	No ✓
EPC1073H/P	1.000 / .400 / .450	10.8 -15.75	---	9	150	100	65*	2000/500	Regulated	No
EPC1074H/P	1.300 / .800 / .530	10.8 -15.75	---	9	225	100	65*	2000/500	Regulated	No
EPC1075H/P	1.300 / .340 / .580	5	10 %	±15	70	100	70	2000/500	Regulated	No
EPC1076H/P	1.300 / .340 / .580	6	10 %	9	200	100	70	2000/500	Regulated	No
EPC1077H/P	1.300 / .585 / .375 †	12	10 %	05	05	100	70	2000/500	Regulated	No
EPC1078H/P	1.300 / .585 / .375 †	5	N/A	9	200	100	75	2000/500	Unregulated	High
EPC1079H/P	1.300 / .585 / .350 †	12	N/A	06	06	100	75	2000/500	Unregulated	No
EPC1080H/P	1.300 / .585 / .375 †	5	10 %	5	225	100	70	2000/500	Regulated	No
EPC1081H/P	1.300 / .585 / .375 †	5	10 %	3.3	225	100	70	2000/500	Regulated	No
EPC1083H/P	1.300 / .585 / .375 †	12	N/A	9	200	100	70	2000/500	Unregulated	High
EPC1086H/P	1.000 / .400 / .450	5	10 %	9	120	50	65	2000/500	Regulated	Low
EPC1087H/P	1.000 / .400 / .450	5	10 %	3.3	110	50	65	2000/500	Regulated	Low

†Optional Packages and Pin Connections Available upon request (Suffix Letter and Number will be added to PCA P/N (Example P/N = EPC1007PE1-G))

01. ±12V : 30mA Total; +12V : 60mA

04. ± 15V ± 10%

02. ± 12V: 12mA each; +5V : 150mA

05. +5V ± 5%, 200mA Max.; +9V ± 5%, 120mA Max.

⊕ Short Circuit Protection

* At 12V Nominal Input Voltage

03. +5V : 180mA -5V : 12mA. Ripple: 35mV Ripple: 10mV

06. -5V ± 5%, 200mA Max.; -9V ± 5%, 120mA Max.

✓ Fuse Protected

** For Soft Start (Inrush Current Controlled)

QAF-CS15f Rev. A 9/1/95

