



- ① Series name
- ② Output wattage
- ③ UL recognized, TÜV approved, CSA certified : E
- ④ Output voltage combination
- ⑤ Optional
G : Low leakage current
J : Connector type
N : with Cover

PMC

MODEL		PMC100E-1	PMC100E-2	PMC100E-4
DC OUTPUT	V1	+5V 13.0A	+5V 13.0A	+5V 8.0A
	V2	+12V 2.0A	+15V 1.5A	+12V 4.0A
	V3	-12V 1.0A	-15V 1.0A	-12V 1.0A

SPECIFICATIONS

	MODEL	PMC100E-1			PMC100E-2			PMC100E-4			
INPUT	VOLTAGE[V]	AC85 - 132 / 170 - 264 1φ (User-selectable) or DC220 - 370									
	CURRENT[A]	ACIN 100V	2.4typ (Io=100%) User-selectable								
		ACIN 200V	1.4typ (Io=100%) User-selectable								
	FREQUENCY[Hz]	47 - 440									
	EFFICIENCY[%]	ACIN 100V	75typ (Io=100%)								
	INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%)								
ACIN 200V		30typ (Io=100%)									
OUTPUT	VOLTAGE[V]	+5	+12	-12	+5	+15	-15	+5	+12	-12	
	CURRENT[A]	13	2	1	13	1.5	1	8	4	1	
	MINIMUM CURRENT[A]	1.5	0	0	1.5	0	0	1.5	0	0	
	LINE REGULATION[mV]	20max	48max	48max	20max	60max	60max	20max	48max	48max	
	LOAD REGULATION[mV]	40max	100max	150max	40max	120max	150max	40max	100max	150max	
	RIPPLE[mVp-p]	80max	120max	120max	80max	120max	120max	80max	120max	120max	
	RIPPLE NOISE[mVp-p]	120max	150max	150max	120max	150max	150max	120max	150max	150max	
	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	120max	350max	50max	150max	350max	50max	120max	350max
	START-UP TIME[ms]	200max (ACIN 85V, Io=100%)									
	HOLD-UP TIME[ms]	10typ (ACIN 85V, Io=100%) 20typ (ACIN 100V, Io=100%)									
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically									
	OVERVOLTAGE PROTECTION	Works at 115 - 140% of rating (+5V)									
	ISOLATION	INPUT-OUTPUT	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)								
ISOLATION	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-FG	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-OUTPUT(V1-V2,V3)	AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩmin (At Room Temperature)									
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-10 to +65°C, 20 - 95%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet)									
	STORAGE TEMP., HUMID. AND ALTITUDE	-25 to +75°C, 20 - 95%RH (Non condensing) 9,000m (30,000feet) max									
	VIBRATION	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 30minutes each along X, Y and Z axis									
	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis									
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS	UL60950-1, CSA1402C, EN60950-1, EN50178 Complies with IEC60950-1 and DEN-AN									
	CONDUCTED NOISE	Complies with FCC-B									

* Series/Parallel operation with other model is not possible.
* When units are operated with chassis and cover, derating is required.