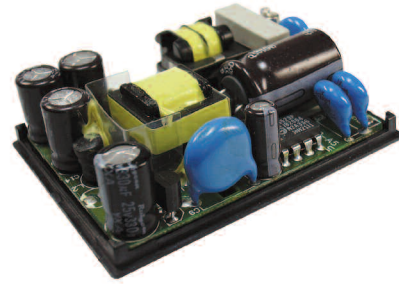


PBKAD07 Series

6.3 ~ 7.6 WATTS - AC/DC POWER MODULE - SINGLE & MULTIPLE OUTPUT

FEATURES

- AC/DC Power Module
- Universal Input 85 ~ 265 VAC
- High efficiency up to 79%
- Short Circuit Protection
- Internal Input Filter
- Open Frame
- 71°C Operation Temperature



SPECIFICATIONS

INPUT	
Input voltage	85-265VAC
Input voltage range	85 - 265VAC DC in 120 - 375VDC
Rated Input current	115 VAC, I _o nom 130-250mA
Line rrequency	47-63Hz
Inrush current	115/230 VAC, 10/18A
Leakage current	Input / Output 0.25mA Input-FG 3.5mA

OUTPUT	
Voltage range	See Table
Output voltage accuracy	V _i nom, I _o nom ± 2%
Minimum load	Single Output Models 0% Dual Output Models (each output) 20%
Line regulation	± 1% MAX
Load regulation	Single Output Models ± 2% Dual Output Models ± 5%
Hold up time	115/230 VAC, 15/30 ms
Ripple and noise	BW = 20MHz 3.3V 60mV 5V, 12V, 15V, 24V and Dual 100mV

ENVIRONMENTAL	
Storage temperature	Non operational -40 to +100°C
Relative humidity	20-95% RH
Isolation voltage	Input-Output at 3000/4242 VAC/VDC Input-FG 1500/2121VAC/VDC
Isolation resistance	Input-Output at 500VDC 100MΩ
Ambient temperature	-40 to +71°C

Derating	From +51°C to +71°C at 2% / °C
Temperature coefficient	±0.03%/°C
Cooling	Free air convection
Dimension	L58 x W45 x H17.5
Efficiency	72% - 79% Model Dependant
Switching frequency	80 - 100KHz
MTBF	Bellcore Issue 6 at 40°C, GB
Weight	42g

STANDARDS	
UL/cUL	UL 60950-1 Recognised
TUV	EN 60950-1, CB Scheme
CE	EN 61000-6-3, EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2, EN 55024
C-Tick	AS/NZ CISPR11 Group 1, Class A

SELECTION TABLE

MODEL NUMBER	OUTPUT		POWER
SINGLE OUTPUT			
PBKAD0703	+ 3.3 V	2000 mA	6.6W
PBKAD0705	+ 5V	1500 mA	7.5W
PBKAD0712	+12V	630 mA	7.5W
PBKAD0715	+15V	500 mA	7.5W
PBKAD0724	+24V	320 mA	7.6W
DUAL OUTPUT			
PBKAD0712D	±12V	±320mA	7.6W
PBKAD0715D	±15V	±250mA	7.5W
PBKAD07503D	+3.3 / + 5V	+1A/+0.6A	6.3W
PBKAD07512D	+5 / + 12V	+0.6A/+0.3.6A	6.6W

MECHANISM & PIN CONFIGURATION

