

PBN3C

270 WATTS SINGLE OUTPUT AC/DC GENERAL

Features

- Low output ripple and noise.
- Wide output voltage adjustment.
- Current limit adjustment.
- Short circuit protected.
- Current limited.
- Metal case.
- CE compliant.
- C-Tick.



SPECIFICATIONS

INPUT

Input voltage	190–264Vac
Frequency	50Hz–60Hz

OUTPUT

Output voltage	13.5, 24 or 48Vdc
Output voltage adjustment	See table
Output current	See table
Output current adjustment	70%–120%
Output power	270W
Ripple	See table
Line regulation	0.05%
Load regulation	0.15%
Short circuit protection	Yes

OPERATING

Efficiency	83%–86%
Switching frequency	67kHz
Thermal protection	Yes

ENVIRONMENTAL

Operating temperature	-10°C to 40°C @ FL
Cooling	Convection cooled

STANDARDS AND APPROVALS

Safety	EN60950, CE LVD 73/23/EEC, N16171
Department of Fair Trading	N16171
C-Tick	AS/NZS CISPR11 Group 1 Class A
EMC standards	EN0082-1 Immunity
EMI standards	EN50081-1 Emission

MECHANICAL

Dimensions	148x210x58mm
Weight	1.55kg
Connector	Input – 3 core flex
Type	Output – 6.3mm push on spade
Brackets (option)	Type FCS available for wall or panel mounting

MODEL DC VOLTAGE OUTPUT RIPPLE AT NUMBER OUTPUT ADJUSTMENT CURRENT 67KHZ

PBN3C-12S	13.5V	12–15Vdc	20A	20mV pk-pk
PBN3C-24S	24V	22–30Vdc	12A	20mV pk-pk
PBN3C-48S	48V	40–60Vdc	6A	80mV pk-pk