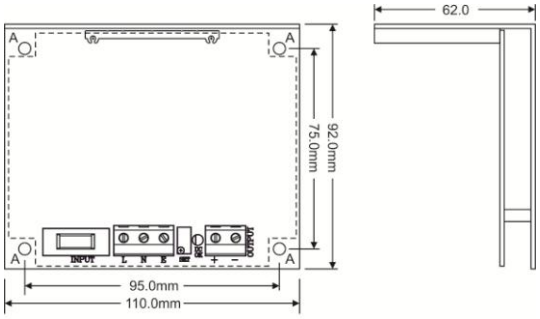
120W SINGLE OUTPUT OPEN FRAME



A : Mounting holes suitable for M4 screw

All dimensions in mm

FEATURES	• Single Phase Input • Built In Transient protector & EMI filter • Protection against short circuit, overload & overvoltage • Low ripple & noise • Cooling by free air convection • Power OK indication, terminations, output set control • 100% full load burn in tested • Low cost • High reliability • Compact
ISOLATION	Input – Output : 1.5KVAC, 1 minute Input – Earth : 1.5KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute
EFFICIENCY	70 ~ 75% @ full load & Nominal input voltage
OUTPUT VOLTAGE ADJUSTMENT	+/- 10% of nominal output voltage
OVERLOAD PROTECTION	105% ~ 130% of rated load
LINE & LOAD REGULATION	Better than 0.5%
HOLD UP TIME	> 20ms at rated input voltage and load
OPERATING AMBIENT	0 ~ 50°C, 95% RH
STORAGE AMBIENT	-20°C to 85°C
TERMINATIONS	Screw type, for 2.5mm sq. wire
MOUNTING	Screw Mounting
WEIGHT	400 grams

ORDERING INFORMATION

	NOMINAL INPUT : 230VAC/DC		NOMINAL INPUT : 110VAC/DC		OUTPUT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION
INPUT VOLTAGE	**AC**	**DC**	**AC**	**DC**			
INPUT RANGE	185 ~ 270V	200 ~ 360V	90 ~ 130V	100 ~ 160V			
INPUT FREQUENCY	47 ~ 63Hz	–	47 ~ 63Hz	–			
INPUT CURRENT (max)	1.5A @230V	0.6A @230V	3A @110V	1.2A @110V			
INRUSH CURRENT	32A @230V	23A @230V	16A @110V	11A @110V			
ORDER CODE	AS467-102		AS467-152		12V : 8A	< 120mV	< 16V
	AS467-103		AS467-153		15V : 8A	< 150mV	< 20V
	AS467-104		AS467-154		24V : 5A	< 240mV	< 30V
	AS467-105		AS467-155		28V : 4A	< 280mV	< 35V

Note : 1. All parameters measured at nominal input, rated load and 25°C of ambient temperature unless otherwise specified.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 100uf parallel capacitor.
3. The power supply is intended to be installed as a component inside the enclosure of final equipment. The final equipment must be re-confirmed that it still meets the EMC directives.
4. Ensure clearance of minimum 35mm from adjacent components for proper ventilation.