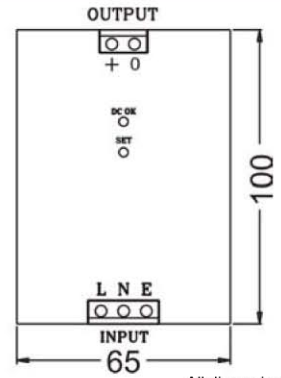
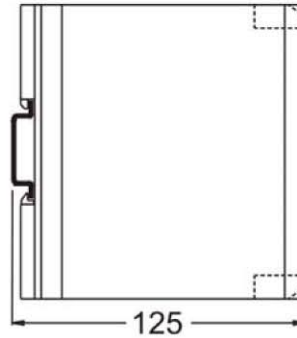


120W SINGLE OUTPUT

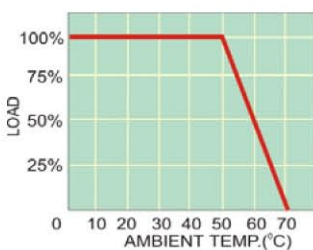


All dimensions in mm

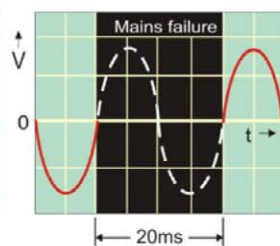
FEATURES	<ul style="list-style-type: none"> Single Phase Input Built In Transient protector & EMI filter Protection against short circuit, overload & overvoltage Low ripple & noise Cooling by free air convection 	<ul style="list-style-type: none"> Power OK indication, terminations, output set control & rating details on front 100% full load burn in tested Low cost High reliability Compact 							
	ISOLATION								
ISOLATION	Input – Output : 3KVAC, 1 minute Input – Earth : 2KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute								
EFFICIENCY	70 ~ 75%								
O/P 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								
SAFETY STANDARD	Design refers to EN60950-1								
EMC STANDARD	Design refers to EN55022, EN55024								
APPROVAL / MARK	CE								
TERMINATIONS	Screw type, for 2.5mm sq. wire								
MOUNTING	35 mm DIN rail								
WEIGHT	530 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
		I/P FREQUENCY	47 ~ 63Hz	—	47 ~ 63Hz				—
		I/P 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	G31-120-12		G32-120-12		12V : 8A	< 120mV	< 16V
		G31-120-15		G32-120-15		15V : 8A	< 150mV	< 20V	
		G31-120-24		G32-120-24		24V : 5A	< 240mV	< 30V	
		G31-120-48		G32-120-48		48V : 2.5A	< 350mV	< 63V	

- 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. These units are designed for mounting on horizontal DIN rail. Ensure clearance of minimum 35mm from adjacent components for proper ventilation.

Derating



Brown – Out Sustainability



Output Characteristics

