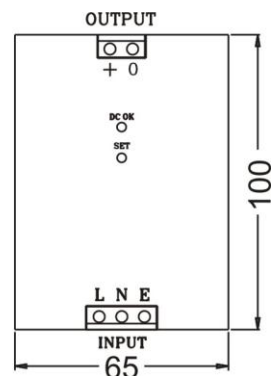
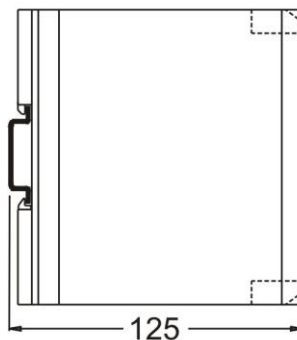


120W SINGLE OUTPUT



! This product is not intended to be used as Stand-alone SMPS. It is intended to be used as component or raw material inside the main equipment.

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	Input – Output : 3KVAC, 1 minute Input – Earth : 2KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute	
EFFICIENCY	80 ~ 85% @ full load & Nominal input voltage	
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	G31-120-05		G32-120-05		5V : 8A	< 100mV	< 7V	
	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	
	G31-120-36		G32-120-36		36V : 3.3A	< 360mV	< 45V	
	G31-120-48		G32-120-48		48V : 2.5A	< 480mV	< 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.

