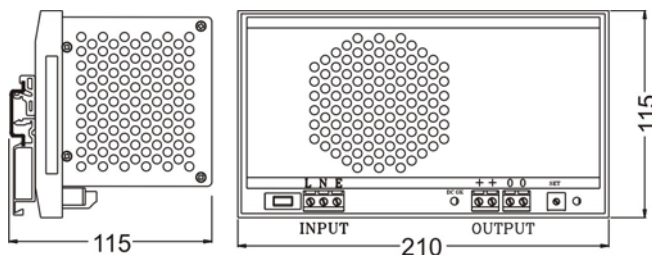


500W SINGLE OUTPUT



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 & Overtemperature (80°C) Low ripple & noise Forced Cooling (Internal fan) 	<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 : 2KVAC, 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							
TERMINATIONS	Screw type, for 2.5mm sq. wire							
MOUNTING	35 mm DIN rail							
WEIGHT	1450 grams							
ORDERING INFORMATION	NOMINAL INPUT : 230VAC/DC		NOMINAL INPUT : 110VAC/DC		OUTPUT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION	
	INPUT VOLTAGE	AC	DC	AC				DC
	INPUT RANGE	180 ~ 270V	200 ~ 360V	90 ~ 130V				100 ~ 160V
	I/P FREQUENCY	47 ~ 63Hz	—	47 ~ 63Hz				—
	I/P CURRENT (max)	4.5A @230V	2.5A @230V	9A @110V				5A @110V
	INRUSH CURRENT	32A @230V	23A @230V	16A @110V				11A @110V
	ORDER CODE	G31-500-24		G32-500-24		24V : 20A	< 240mV	< 30V
	G31-500-48		G32-500-48		48V : 10A	< 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.

