



SPECIFICATIONS

INPUT	- Input voltage:	90÷264 V AC (full range)
	- Input frequency:	47÷63 Hz
	- Inrush current:	< 26 A (for 24 V DC output model)
	- Current (@ lout max);	1.5 A @ 230 V AC; 3.1 A @ 115 V AC
	- PFC:	> 0,97 with load (active PFC)
OUTPUT	- Output voltage:	See table below
	- Max. current:	13.7 A (for 24 V DC output model)
	- Nominal current:	See table below
	- Electrical protection:s	Short circuit (autorecovery) and overload protection (Automatic power limited)
	- Protection start @:	17.2 A (for 24 V DC output model)
	- Load regulation:	< 0.1 V (0÷12.5 A)
	- Output regulation:	20÷27 V DC (for 24 V DC output model)
	- Ripple+Noise:	<150 mV @ 100% load
GENERAL	- Efficiency:	> 81% (85% typ.) @ 24 V DC
	- Operating temperature:	0°...+50°C
	- Leakage current:	< 1.4 mA
	- Safety:	EN 60950
	- EMC:	EN 55011 class B / EN 50082-2 / EN 61000-3-2
	- Mounting:	DIN rail mounting
	- Cooling:	Fan cooled (control @ 46°C)
	- Enclosure protection:	IP 20 sec. EN 60529
	- Connections:	Screw connectors

FEATURES

The GSA SWLC12 series is a "low cost" version of single phase switching power supply in the 300 W range. It is characterized by 90-264 VAC input and it is available with three different output voltages: 12, 24, 48 VDC. This model include a built-in power factor corrector designed to meet EN 61000-3-2 specifications. The output voltage is adjustable ($\pm 10\%$).

HOW TO ORDER

Model	Code	V _{IN} AC [V]	V _{OUT} DC [V]	I _{OUT-NOM.} [A]	Dimensions [mm]			Weight [Kg]
					L	h	p	
GSA SWLC12/12	002230	90÷264	12±10%	25	55	127	216	1
GSA SWLC12/24	002232	90÷264	24±10%	12	55	127	216	1
GSA SWLC12/48	002234	90÷264	48±10%	6.25	55	127	216	1

DIMENSIONS

