



- Ideal for industrial PLCs which are susceptible to “noisy” DC voltage supply
- Rugged low maintenance design
- Fully regulated, protected and isolated
- Extremely low (negligible) EMI emissions
- Gearplate mounted
- Optional alarm relays
- Safety to IEC950 (EN60950), AS/NZS3260:1993
- ISO9001 Design system

◆ 24 Month Warranty

SPECIFICATIONS All specifications are typical at nominal input, full load and at 20°C unless otherwise stated.

ELECTRICAL	
AC Input	230 / 240 V, 47-53 Hz
Fusing / Protection	Panel mount external fuse holder at rear (standard 5 x 20 mm glass fuse)
Isolation	1KV DC input - output / earth
Output Power	240 - 1,200 watt
Output Voltage	24V nominal
Voltage adjustment	Factory set
Current Limit	Fold back limiting at 120% rated load
Line Regulation	< 0.2% over input range
Load Regulation	< 0.5% open circuit to full load
Ripple	< 0.2% Peak - Peak, <0.05% RMS
Transient Response	< 20 µSec

PHYSICAL	
Enclosure	Zinc plated steel
Mounting	Gear plate
Indicators	Power on, neon indicator in switch
Dimensions	IE24/10GP: 338 x 214 x 124mm, 8.6kg IE24/20GP: 450 x 280 x 170mm, 18.5kg IE24/50GP: 450 x 375 x 230mm, 34kg

ENVIRONMENTAL	
Operating temperature	0 - 50° C ambient at full load, max. 60° C @ 50% load
EMC	All units exceed EN55022-A
Safety	To IEC950 (EN60950), AS/NZS3260:1993

ADDITIONAL OPTIONS	
Alarms	Dual: Power Fail / DC Low with relay outputs C-NO-NC 50VDC/ 32VAC 1A rated, (specify option F+B12 or F+B24).
Parallel / Redundant	IE24/10GP: +P15 IE24/20GP: +P25B IE24/50GP: +P50
*1 Charger	Specify model codes IE24/10BGP IE24/20BGP

STANDARD MODEL TABLE				
CODE	PSU Voltage	Charger Voltage*1	Amps	Power (W)
IE24/10GP	24	27.6	10	240
IE24/20GP	24	27.6	20	480
IE24/50GP	24	N/A	50	1200