

TECHNICAL SPECIFICATIONS

REGULATED DC POWER SUPPLY : 0-32V, 0-30A

Model : IGPS3230

INPUT VOLTAGE:	230V \pm 10%, 50Hz
FREQUENCY :	50 Hz
VOLTAGE AND CURRENT DISPLAY :	High precision LED digital display, intuitive and clear.
METER ACCURACY:	Display accuracy: \pm 1% \pm 1digit, voltage resolution 0.1v, current resolution 0.1A.
OUTPUT VOLTAGE RANGE :	0-32VDC
OUTPUT CURRENT RANGE:	0 -30AMPS
CONSTANT VOLTAGE MODE REGULATION :	Line : \pm 0.01% \pm 2mV for \pm 10% change in line voltage. Load : \pm 0.01% \pm 2mV for load change from zero to full load. RIPPLE AND NOISE : 1mV rms max. 20Hz to 20MHz.
CONSTANT CURRENT MODE REGULATION :	REGULATION : Line : \pm 0.05% \pm 10mA for \pm 10% change in line voltage. Load : \pm 0.05% \pm 10mA for change in output voltage from 0 volts to maximum output voltage. RIPPLE AND NOISE : See Table.
OUTPUT POLARITY	Floating w.r.t. ground
OPERATING TEMPERATURE:	0 to 50 DEG C.
STABILITY	< \pm 0.2% \pm 10mV in CV mode. < \pm 0.5% \pm 10mA in current mode
POWER ON DELAY:	3 TO 5 SECONDS
POWER OFF DELAY	1 TO 6 SECONDS (DEPENDS UPON LOAD)
COOLING:	FORCED AIR
PROTECTIONS	Current limit, Over voltage, Over load, Over temperature
DIMENSIONS L*B*H mm	322*197*145 mm