



Smart SMPS CPSU-12/24

C Systems SMART SMPS CPSU series of Power supply unit consists of an SMPS and integrated battery charger circuit. The SMPS circuit provides a constant Voltage of 12V/24V Dc based on the selection of model. The SMPS circuit has low ripple, high efficiency & long life feature.

The SMART SMPS CPSU series of Power supply unit also has the additional benefit fo providing a volt free output to monitor the status of the Power supply. The volt free output indicates the mains on / Battery on mode to the integrating system.

Technical Specification:

INPUT SPECIFICATION

NOMINAL VOLTAGE: 230VAC 50Hz
VOLTAGE RANGE: 175VAC TO 275CAC
FREQUENCY RANGE: 47 -63 Hz
EFFICIENCY: >80%

OUTPUT SPECIFICATION: (SMPS)

OUTPUT VOLTAGE: +24VDC
OUTPUT CURRENT: 1-6 Amp
LINE & LOAD REGULATION: 1%
RIPPLE (Pk-Pk) <1%

OPERATING TEMPERATURE:

COOLING: NATURAL AIR CONVECTION

OUTPUT SPECIFICATION: (BATTERY CHARGER)

OUTPUT VOLTAGE: +24.5VDC
OUTPUT CURRENT: .1-6 Amp
BATTERY CAPACITY: 12VDC /7Ah (2 No's) + LOW BATTERY CUTOFF

INDICATION:

SMPS – 3 MM GREEN COLOUR LED
REVERSE BATTERY: 3 MM RED COLOUR LED
BATTERY CHARGING: 3 MM YELLOW COLOUR LED
165MM(L)*110MM(W)*55MM (H)

SMART SENSE



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