

## LEAD ACID BATTERY CHARGER DYP 1205 - 12V/5A

### ELECTRICAL SPECIFICATIONS

#### INPUT SPECIFICATIONS

Nominal Voltage	110V/ 230V AC, 60/50Hz 1 $\phi$
Voltage Range	90 – 275V AC (Universal Range)
Frequency	47 – 63 Hz
Input Current	1.2A
Input Isolation (L&N)	AC FUSES
Efficiency	>75% (TYP.)
Dielectric Strength	1.5KV AC (I/p TO O/P AND CASE)

#### OUTPUT SPECIFICATIONS

Nominal Voltage	12V
Output Current	5A
Power	70W
Net Regulation	$\pm 0.5V$
Ripple + Noise	< 100mV
Over Voltage Protection	HVD provided (280V AC Max)

### SPECIAL FEATURES

- Advanced high frequency SMPS design charger.
- Wide range of AC input (90V – 275 VAC)
- Latest battery charge algorithms for quick and accurate charging prolongs Battery Life
- Protection provided for Output Reverse Polarity.

### LED INDICATIONS

LED's Provided For :  
Charging ON  
Battery Reverse

#### MECHANICAL

Weight	1kg
Dimensions	205(H) X 120(W) X 50(D)mm
Enclosure	IP-20, CRC Sheet, Powder coated Case, Floor/Wall Mountable
Input & output Connection	2 core cable for Input 2 cables with Lugs for Battery Connection

#### ENVIRONMENT & SAFETY

Operating Temperature	0° to 50° C
Storage Temperature	-10° C to +70° C
Cooling	Convection
Humidity	< 95% RH
EMI/ EMC Safety	Designed to meet CISPR22 Class A Designed to meet IEC 60950

[Specification No-CLAB/ DYP 1205 - \(Rev. 0\)](#)

\* Enhancement to the above specifications & Customizing can be considered on request.

\* Specifications may or can be altered without notice as per company's continuous improvement Program.