

LEAD ACID BATTERY CHARGER DYP 1210 - 12V/10A

ELECTRICAL SPECIFICATIONS

INPUT SPECIFICATIONS

Nominal Voltage	110V/ 230V AC, 60/50Hz 1 ϕ
Voltage Range	90 – 275V AC (Universal Range)
Frequency	47 – 63 Hz
Input Current	3A
Input Isolation (L&N)	AC FUSES
Efficiency	>80%
Dielectric Strength	1.5KV AC (I/p TO O/P AND CASE)

OUTPUT SPECIFICATIONS

Nominal Voltage	12V
Output Current	10A
Power	140W
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	1.2 Kg.
Dimensions	230(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	Designed to meet CISPR22 Class A
Safety	Designed to meet IEC 60950

[Specification No- CLAB/ DYP 1210 - \(Rev. 0\)](#)

* 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.