

LEAD ACID BATTERY CHARGER AUTO CHARGER - DYNA MASTER MODEL DY 1616 (16V/16A)



ELECTRICAL SPECIFICATIONS	
INPUT SPECIFICATIONS	
Nominal Voltage	230V AC, 50Hz 1 ϕ
Voltage Range	150 – 275V AC
Frequency	47 – 53 Hz
Input Current	2A RMS
Efficiency	85% (TYP.)
Dielectric Strength	1.5KV AC (I/p TO O/P AND CASE)
OUTPUT SPECIFICATIONS	
Nominal Voltage	12V
Output Voltage	12V - 16V
Output Current	4A-16A ADJUSTABLE (AS PER BATTERY RATING)
Power	250 Watts
Net Regulation	\pm 0.5V
Ripple + Noise	< 100mV
Over Voltage Protection	102% Max of Output
Over Load Protection	Fold back type
Short Circuit Protection	Provided with Auto Recovery
SPECIAL FEATURES	
<ul style="list-style-type: none"> ❖ Advanced high frequency SMPS design charger with 80% typical efficiency ❖ Suitable for charging Battery Range – 32AH TO 200AH. ❖ Helical Potentiometer for current selection as per Battery Capacity. ❖ Wide range of AC input (150V – 275 VAC) ❖ Latest Battery charge algorithms for quick and accurate charging increases Battery Life ❖ Protection provided for Output Reverse Polarity & Output Short Circuit 	
LED INDICATIONS	MONITORING DISPLAY
LED's Provided For : CHARGE ON - YELLOW CHARGE OVER - GREEN	Digital Meter For Current (Normal), Voltage with Push Button.
MECHANICAL	ENVIRONMENT & SAFETY
Weight 3.3 Kg. Dimensions 205(H) X 121(W) X 140(D)mm Enclosure IP-20,CRC Sheet, Powder coated Case, Wall Mounting /Table Top Input & output 2 meters Cable, 3 pin Plug for Input Connection	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 / IEC 61000-4 Safety Designed to meet IEC 60950

Specification No - CLAB/ DY1616- (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.