



For Safe Reliable Power

NEWS

DYNA is a leading manufacturer & solution provider of energy efficient SMPS power plants, Industrial battery chargers & DC - DC convertors

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HIGH FREQUENCY ENERGY EFFICIENT MODULAR SMPS BATTERY CHARGERS FOR D G SETS INDUSTRY , FOR EXTENDED BATTERY LIFE

FEATURES:

Advanced high frequency SMPS designed charger with 82% typical efficiency

Wide range AC input(150V - 265 VAC)

Improved reliability in demanding environments

DYNA battery charge algorithms for quick and accurate charging

TECHNICAL FEATURES

1. Current Limitation
2. Over Voltage protection
3. Short Circuit Proof
4. LED for AC OK
5. LED for Reverse Polarity Float / Boost

CHARGING PROFILE ADJUSTED FOR DG SET APPLICATIONS

- Lead acid batteries with 2.3 to 2.8 Volts/cell

ADVANTAGES:

(Over conventional SCR / Thyristor systems)

1. Energy saving of over 25%.
2. Fuse / contactor for Battery reverse polarity protection.
3. Automatic refreshing charge ensures battery remains in full charged condition.
4. Small compact units with 1/3 in size & 1/3 in weight.
5. Built in redundancy due to modular arrangement.
6. Manual Initial charging & Equalise charge.

APPLICATION:

Incorporating the SMPS technology, DYNA high frequency chargers are the ideal choice to recharge DG set batteries ensuring reliability, safety, ease of use .

Dyna Systems gives Automotive refreshing charge which ensures Battery in full charge conditions at all times



SMPS BATTERY CHARGERS (BPC Series)for Industrial applications

Model	Input (AC)	Out put (DC)	Max Volt	Battery AH
DY 1210 BPC	165-275V	12V/10A	13.8V	100
DY 2408 BPC	165-275V	12V/08A	33.0V	120
DY 2416 BPC	165-275V	12V/16A	33.0V	150/180
DY 2424 BPC	165-275V	12V/24A	33.0V	300
DY 2432 BPC	165-275V	12V/32A	33.0V	360



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