

DYNA**FEATURES :**

Modular Systems.

Active Current Sharing & Hot pluggable

HVD, LVD facility

Major / Minor alarms with Remote monitoring available.

Controller, Analogue / Microprocessor Control (Optional)

DC outputs 24V/48V/110V (Other Voltage Optional)

ADVANTAGES OF DYNA BATTERY CHARGERS OVER CONVENTIONAL SCR CHARGERS ARE

Energy Efficient

Longer life of Battery due to better Charging Characteristics.

1/3 in size and 1/3 in weight

(N + 1), redundancy, reduces maintenance time.

Telecommunications, Traction, Marine, Railways, Electric utilities, DG sets wherever Industrial Battery Charging required, suitable for Batteries, VRLA, Ni-CD, Deep Discharge Lead Acid.

APPROVALS

TEC, RDSO & Approved vendor for Psu's / MNC's

Meets or exceeds CE /UL specifications.

ENERGY EFFICIENT, HIGH FREQUENCY, MODULAR TYPE, SMPS BATTERY CHARGERS, SUITABLE FOR VRLA, LEAD ACID, INDUSTRIAL & NI-CD BATTERIES.

MODEL	INPUT (AC)	OUTPUT (DC)	WATTS	SIZE (W/H/D) mm
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48V SERIES SMPS POWER PLANTS (N + 1 REDUNDANCY)

DY 2300	180V - 270V	48V12.5A	750	285x483x290
DY 4300	180V - 270V	48V25A	1400	385x483x290
DY 6300	180V - 270V	48V37.5A	2100	520x483x290
DY 4700	150V - 270V	48V50A	2800	485x483x308
DY 21400	150V - 270V	48V150A	2400	285x483x410
DY 41400	150V - 270V	48V150A	3000	885x500x400
DY 81400H	150V - 270V	48V200A	11200	1310x600x400

24V SERIES SMPS POWER PLANTS (N + 1 REDUNDANCY)

DY 2350L	180V - 270V	24V25A	600	245x483x290
DY 4350L	180V - 270V	24V50A	1200	385x483x290
DY 21400L	150V - 270V	24V150A	2400	285x483x410
DY 41400L	150V - 270V	24V200A	4800	885x500x400

110V SERIES SMPS POWER PLANTS (N + 1 REDUNDANCY)

DY 21400EH	150V - 270V	110V	2640	285x483x410
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NEW INTRODUCTION : SMPS POWER PLANT (48V / 7A)**SPECIAL FEATURE:**

Input Protection : TEC-CUR (Short/C) AC input protection, High Voltage Disconnect (280 to 300 Volt) Battery protection (Low Voltage Disconnect) (42V-44V)

Output voltage : Battery Current : Settable Through On pot

MONITORING:

Digital Meter provided for DC Volt

DC Amps (Load & Battery)

INDICATION

AC ON

DC ON

ALARMS

Buzzer for Battery reverse

CONNECTION

input output through Terminal Block



MODEL	INPUT (AC)	OUTPUT (DC)	MAX VOLT	BATTERY AH
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SMPS BATTERY CHARGERS (TPC SERIES) FOR TRACTION WITH MICROPROCESSOR

DY 4855 TPC	180V - 270V	48V150A	60V	443 AH
DY 2825 TPC	180V - 270V	48V25A	60V	205 AH
DY 2425 TPC	180V - 270V	24V25A	32V	200 AH

SMPS BATTERY CHARGERS (BPC SERIES) FOR INDUSTRIAL APPLICATIONS

DY 2410 BPC	180V - 270V	24V150A	32V	120 AH
DY 2420 BPC	180V - 270V	24V20A	32V	150 AH
DY 2430 BPC	180V - 270V	24V30A	32V	300 AH
DY 2440 BPC	180V - 270V	24V40A	32V	360 AH
DY 1210 BPC	180V - 270V	12V150A	13.8V	100 AH

DC - DC CONVERTERS - RANGE 24V, 48V, 110V

MODEL	INPUT (AC)	OUTPUT (DC)	WATTS	SIZE (W/H/D) mm
DY 24300	230V - 330V DC	48V18A	380	21x483x300
DY 24500	230V - 330V DC	48V18A	500	21x483x300
DY 224000	230V - 330V DC	48V20A	1000	280x483x410
DY 246000	48V - 60V DC	24V140A	1000	280x483x410

NOTE : 110V 220V CONVERTOR MODEL ON REQUEST.

LIGHTNING ARRESTORS

DY LT1	SINGLE PHASE	CLASS B & CLASS C PROTECTION AS PER TEC 8110, 8108 & VDE 0486/34
DY LT2	THREE PHASE	CLASS B & CLASS C PROTECTION AS PER TEC 8110C, 8108 & VDE 0486/34

NOTE :

- SMPS POWER PLANT designed for VRLA (Sealed Maintenance free Batteries)
- Battery Chargers TPC & BPC series are designed for Lead Acid Batteries (Flat / Tubular)
- Enquiries for chargers for deep discharge and Ni-CD Batteries welcome.
- Traction Battery Chargers come with Microprocessor Controller which gives flexibility of use of different makes of Batteries.

Optional Items :

- Remote Control Monitoring and Microprocessor Controller

STANDARD TECHNICAL SUPPORT POLICY:

All our products have 12 months carry in warranty. Ex our factory / nearest service center unless otherwise specified.

* Specifications may or can be altered without notice as per companies continuous improvement programme.

ABOUT DYNA

Established since 1987
Factory area 5000 sq meter
Upside flexibility in manufacturing
In house design & development facility
recognised by Govt. of India

TECHNICAL CAPABILITY

Magnetic design / manufacturer of all
transformer / coils etc.

TESTING FACILITY

EMC / EMI In house, schaffner HF Test.
Generator, Power analyser, Breakdown
Voltage, environmental chambers.
Heating rooms & others.

COMPONENT SOURCING

From India / as well as international sources.

AGENCY / SAFETY APPROVALS

EMI / EMC STANDARD EN 55022
IEC 61000 - 4
CISPR 22 Class A and Class B (some models)
Safety EN 60950, UL 1950



DYNA

For Safe Reliable Power

DYNA HITECH POWER SYSTEMS LTD.

Regd. Office :

Dyna House , Plot A/57, MIDC, Andheri (E), Mumbai - 400 093.

Tel No. : 91-22- 28379038 Q E-mail : dynahitech@rediffmail.com

Sales : 28259957, 9820093407, Fax: 28264689.

Factory :Dyna House , Plot. E/143-143, MIDC,

TIC Industrial Area, Malape, Near Mumbai - 400 701.

Tel. No. : 91-22- 27696075, Fax: 27611924.

E-Mail : sales@dynahitech.com

C & F / Sole Distributor for

AMCO Insta Power



AMCOBEST



Battery Range:

VRLA - AMCO BEST
From 6V / 4AH to 12V / 200AH

TUBULAR, PLATE : AMCO INSTA POWER
From 12V / 20AH to 12V / 150AH

FLAT PLATE : AMCO INSTA POWER
From 12V / 40AH to 12V / 200AH

INDUSTRIAL : AMCO INSTA STATIONERY CELLS
From 2V / 600AH to 2V / 2000AH

NICKEL CADMIUM :
SEALED RECHARGEABLE BATTERIES
From 1.2V / 180mAh to 9500mAh

NICKEL METAL HYDRIDE:
SEALED RECHARGEABLE BATTERIES
From 1.2V / 180mAh to 9500mAh

MANUFACTURED BY:

TAFE
POWER SOURCE



Leading manufacturer of
Energy Efficient SMPS Power Plants,
Industrial Battery Chargers &
DC-DC Convertors

Safe Reliable Power
For Safe Reliable Power
Power

DYNA

DYNA HITECH POWER SYSTEMS LTD.

