

**CHARGING
SOLUTION**

NEXSYS® CHARGERS

THE PERFECT
PARTNER FOR YOUR
NEXSYS BATTERY



ADVANCED CHARGING SOLUTIONS



MODULAR AND PURE LEAD: THE PERFECT PARTNERSHIP.

Thin Plate Pure Lead, the new standard in advance Lead Acid batteries

The NexSys® battery range from EnerSys® has transformed the way customers operate their electric materials handling and industrial electric vehicles. Fast charging, opportunity charger, zero battery change (ZBC®) all provide operational benefits and save the user money. We have made further technical advancements during 2015, increasing cycle life expectancy, application flexibility and charging profile. With increased energy density and fast charge capability, these virtually maintenance free batteries can be used at any time and recharged whenever it is possible.

Modular charging technology

NexSys and NexSys+ charger ranges from EnerSys® represent the best-in-class high frequency charging solution for Thin Plate Pure Lead applications in the field of material handling equipment, automated guided vehicle systems, floor-care machines and industrial electric vehicles.

The new ranges, designed for wall-mounting or free standing, boast exciting new features, automatic identification and switching of output voltage (within the charger's specification), increased efficiency and power factor control and our most compact size to date.

High-frequency technology has already become a standard requirement for battery charging in the Motive Power industry, the new range of NexSys and NexSys+ chargers raise the bar to a new level. The ranges offer intelligent charging with advanced efficiency and the flexibility to meet the demands of a changing world.

IN ADDITION TO THE USER BENEFITS ALREADY MENTIONED, NEXSYS+ PROVIDE THESE ADDITIONAL KEY FEATURES:

CHARGING

- Arc less disconnect (optional)
- Automatic temperature adjustment to profile when battery is fitted

FLEXIBILITY

- Multi profile capability: automatic when battery is fitted with Wi-iQ®
- Multi voltage (within a range)

COMMUNICATION

- Wireless communication between the charger and the battery via Wi-iQ
- Ethernet connection with Lifenetwork iQ™ (optional)

CONSTRUCTION

- 4,3" multi colour TFT screen with customer programmable menu
- Background changes colour in with battery status

GREEN TECHNOLOGY

- Reduce Reactive energy consumption with active PFC (only on 1-phase)
- Consumption below 10W in stand-by

NEXSYS CHARGER RANGE

1 kW MODULES	3,5 kW MODULES
1, 2, 6 bay cabinets 1 phase - 200/265 V	4 and 6 bay cabinets 3 phase - 400 V
CHARGER RANGE: 12 V, 24 V, 36/48 V from 1 kW to 6 kW	CHARGER RANGE: 24/36/48 V from 3,5 kW to 21 kW 72/80 V from 3,5 kW to 21 kW
APPLICATION: NexSys, Gel and flooded blocs	APPLICATION: NexSys, Gel and flooded blocs

NEXSYS+ CHARGER RANGE

1 kW MODULES	3,5 kW MODULES
3 and 6 bay cabinets 1 phase - 200/265V	4 and 6 bay cabinets 3 phase - 400V
CHARGER RANGE: 12 V, 24 V, 36/48 V from 2 kW to 6 kW	CHARGER RANGE: 24/36/48 V from 3,5 kW to 21 kW 72/80 V from 3,5 kW to 21 kW
APPLICATION: NexSys, Gel and flooded blocs	APPLICATION: NexSys, Gel and flooded blocs

ABOUT ENERSYS®

EnerSys®, the global leader in stored energy solutions for industrial applications, manufactures and distributes reserve power and motive power batteries, battery chargers, power equipment, battery accessories and outdoor equipment enclosure solutions to customers worldwide. Motive power batteries and chargers are utilized in electric forklift trucks and other commercial electric powered vehicles. Reserve power batteries are used in the telecommunication and utility industries, uninterruptible power supplies, and numerous applications requiring stored energy solutions including medical, aerospace and defense systems. Outdoor equipment enclosure products are utilized in the telecommunication, cable, utility, transportation industries and by government and defense customers. The company also provides aftermarket and customer support services to its customers from over 100 countries through its sales and manufacturing locations around the world.

DISCOVER THE BENEFITS OF NEXSYS BATTERIES AND CHARGERS. THE MOST INNOVATIVE LEAD ACID POWER PACK ON THE MARKET!

Charging Power for NexSys® Batteries

EnerSys® offers two charger ranges: NexSys and NexSys+. Both provide operational flexibility and charging features to ensure you get the optimum life from your NexSys battery. Available in single and 3 phase, they have multi voltage and multi capacity adaptation and offer both standard and fast charge options. In addition, the Thin Plate Pure Lead technology which is at the heart of NexSys batteries makes them ideal for fast and opportunity charging. Both provide operational flexibility and charging features to ensure you get the optimum life from your NexSys battery.



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