

ecoCHARGE

**INTELLIGENT &
HIGHLY EFFICIENT**
INDUSTRIAL
BATTERY CHARGERS



DESIGNED &
MANUFACTURED BY

enatEL

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Enatel is an industry leader in the design and manufacture of compact, high frequency, modular battery chargers used for forklifts & material handling equipment.

EcoCharge chargers are leaders in efficiency, power density and power management intelligence. Our range is best in class at optimizing cost to charge, battery longevity & vehicle availability.

Intelligent software combined with efficient hardware and decades of power electronics design experience has resulted in solutions that address industry needs.

ECO970 THREE PHASE CHARGERS

ECO970 three phase chargers are an efficient, compact and feature rich product that enables them to be used in a wide variety of applications. The ECO970 can suit multiple battery types and chemistries seamlessly within single site.



BATTERY VOLTAGES

24 to 96V

OUTPUT CURRENT

ECO973: 300ADC

ECO974: 400ADC

ECO976: 300ADC x 2

OUTPUT POWER

ECO973: 14.7kW

ECO974: 29.4kW

ECO976: 29.4kW

PEAK EFFICIENCY

> 97%

AC SUPPLIES SUPPORTED

200 to 240VAC 3-phase

380 to 480VAC 3-phase

480 to 600VAC 3-phase

SIZE AND WEIGHT

ECO973:

17kg 37.4lbs

311W x 364D x 252H mm

12.2W x 14.3D x 9.9H in

ECO974 and ECO976:

32.5kg 71.5lbs

311W x 364D x 490H mm

12.2W x 14.3D x 19.3H in

INTERFACES

USB

Wi-Fi

Ethernet

CAN Bus

Keypad and 3.5" display

ECO970 SINGLE PHASE CHARGERS

ECO970 single phase chargers bring the same flexibility, reliability and rich feature set to smaller applications where power supplies and space may be limited. Users of the ECO970 three phase will be instantly familiar with the single phase models.



BATTERY VOLTAGES

12 to 48V

OUTPUT CURRENT

(240VAC SUPPLY,
24V BATTERY)

ECO971-21: 48ADC

ECO971-22: 85ADC

ECO971-23: 120ADC

ECO971-26: 240ADC

OUTPUT POWER

ECO971-21: 1.4kW

ECO971-22: 2.4kW

ECO971-23: 3.5kW

ECO971-26: 6.9kW

PEAK EFFICIENCY

> 95%

AC SUPPLIES SUPPORTED

100 to 277VAC 1-phase

SIZE

ECO971-21, -22 and -23:
326W x 404H x 108D mm
12.8W x 15.9H x 4.3D in

ECO971-26:
326W x 404H x 206D mm
12.8W x 15.9H x 8.1D in

INTERFACES

USB

Wi-Fi

Ethernet

CAN Bus

Keypad and 3.5" display

BATTERY MONITORING

The BMM range of battery modules allow the condition of your battery fleet to be closely monitored. With a rugged construction, they are suitable for the tough environment found on or near batteries.



BMM-BT3

Monitors your fleet and enables features like chaos charging, detailed logging and measurement based temperature and voltage drop compensation.



BPT-BT3

Optimised for undertaking power surveys to assess how a site is operating.

ACCESSORIES



TOWER AND DOME LIGHTS

Allows the charger's status to be seen from a distance in all directions.



REMOTE

Useful in situations where the charger is out of reach.

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