

POSICHARGE ProCore™

- 1** HI FREQUENCY POWERSTAGE
for a more efficient, smaller, lighter charger
- 2** MULTI VOLTAGE / MULTI-AH CAPABILITIES
allow different batteries to charge on the same charger
- 3** BMID, NON BMID AND CAN COMPATIBILITY
gives basic or advanced control options
- 4** BMID CONTROLLED EQ
allows battery to go to any charger and get a complete EQ every week
- 5** CONNECT RX™
provides unparalleled safety by detecting potential connector and cable-related issues



- 6** MODULAR POWERSTAGES
for quick upgrade, redundancy, serviceability, and repair
- 7** LOW CURRENT RIPPLE
prolongs battery life
- 8** CHARGER PERFORMANCE MONITORING
to track charger usage
- 9** COLORFUL DIGITAL INTERFACE
makes it easy to read and understand charger operations
- 10** FUTURE PROOF
able to charge new battery chemistries such as lithium

Maximum Performance. Unparalleled Safety. Future Proof Design.

The PosiCharge ProCore™ Series is a premium intelligent charging family that supports and charges any material handling battery - regardless of type, brand, chemistry, voltage or size. With power ranges from 5kW to 30kW, multi-voltage flexibility and value-added options, ProCore is ideal for your entire fleet.

A small, lightweight, powerful, highly efficient charger, ProCore is easy to use and provides extreme flexibility with multiple customization options. It takes up minimal floor space and requires no specific training to mount, install, and update.

ProCore's powerstage modules offer scalability for any forklift fleet - from the smallest to the largest operations. ProCore's modular design makes it easy to service, upgrade, troubleshoot, and repurpose, and its robust architecture makes it highly customizable. Compatible with both BMID and non-BMID and CAN devices.

High peak efficiency combined with low overcharge factor make ProCore the most efficient charger available with the lowest monthly utility costs.

ProCore™ with Advanced Connect Rx™ combines a sophisticated charge algorithm, battery thermal management and anti-arc technology for unparalleled safety and performance.

Mobile Access and Control.

Through an innovative mobile app, connecting with, programming and downloading data from ProCore can be done from a smartphone running iOS or Android. This tool allows remote set up of new units, troubleshooting, and makes changes to your fleet simple.



Compatible with iPhone 4S or newer, iPod 5th Gen or later, iPad 2nd Gen or later, or Android device 4.3 or later. Search for the PosiCharge ProCore™ app in your iOS or Android App Store.

POSICHARGE™
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PosiCharge™ systems, a product line of AeroVironment, Inc.
1.866.767.4242 | info@posicharge.com
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posichargeprocore.com
@posicharge
posicharge.com





UNPARALLELED SAFETY

- 1 Standard feature on PosiCharge ProCore™
- 2 Provides early warning of high connector temperatures with an innovative dual set point sensor for warning and fault levels
- 3 Enables users to address overheating connectors before problems arise and potential damage occurs



ADVANCED CONNECT RX™

Advanced Cable Connector Health Monitoring Technology

Advanced Connect Rx™ enables industry-leading operational safety by providing early warning of high connector temperatures with an innovative dual set point sensor for warning and fault levels.

Everyday usage causes wear and tear on charging cable connectors, from connecting and disconnecting the charging cables to repeated drops. Often the first sign of a problem is an operator complaint of high connector temperatures, or a complete failure in the charging connection.

With Advanced Connect Rx™ you're given a warning before these problems arise and potential damage, or lost productivity, occurs.

As soon as there is an abnormality detected it immediately alerts users to possible charger and battery output connector problems that could potentially result in damage to the forklifts or facilities, and injuries to employees. This gives users and facilities managers the ability to address problems before they become costly or potentially hazardous.

Advanced Connect Rx™ is a standard feature on the PosiCharge™ ProCore™, and can be enhanced with an optional battery cable connector monitor that adds an additional layer of protection. Combined with our anti-arc technology, battery thermal management and sophisticated charging algorithms, Advanced Connect Rx™ gives you unparalleled operational safety.

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ADDITIONAL FEATURES

- » CERTIFIED to the highest industry product safety standards.
- » LIGHTER WEIGHT for easier installation and additional mounting options
- » MULTI-INPUT BREAKER SELECTION offers installation flexibility and upgrade capability
- » HIGH PEAK EFFICIENCY AND LOW OVERCHARGE FACTOR make ProCore the most efficient charger available with the lowest utility cost
- » CEC TESTED & CERTIFIED by exceeding the minimum efficiency and idle power consumption set by the California Energy Commission
- » POWER MANAGEMENT TOOL enables full programmability to plan for peak utility demand periods
- » CAN/PLC CAPABILITY enables chargers to talk to AGVs and mobile robots, and advanced batteries such as lithium
- » OFF THE FLOOR MOUNTING saves floor space and gives multiple mounting options
- » REAL TIME BATTERY TEMPERATURE / VOLTAGE MONITORING AND COMPENSATION enable precise charge control of batteries for fastest and safest charging
- » STACKLIGHT OPTIONS – for visual notifications of the battery/charger status
- » AUTOWATER CONTROL OPTIONS for optimal battery watering during the equalization cycle



SPECIFICATIONS

POWER RATING	5kW	10kW	15kW	20kW	30kW w/single cable	30kW w/dual cable
MAX OUTPUT CURRENT 24/36/48V	160/111/83	200/200/167	320/320/250	400/400/320	400/400/400	500/500/500
MAX OUTPUT CURRENT 48/72/80V	N/A	133/114/100	N/A	266/228/200	400/344/300	N/A
CIRCUIT BREAKER RATING 480VAC	10A	20A	25A	40A	50A	50A
IDLE POWER	<10W	<10W	<10W	<10W	<10W	<10W
DIMENSIONS, H x W x D	31.5"x 20"x 10.5"	31.5"x 20"x 10.5"	31.5"x 20"x 15.2"	31.5"x 20"x 15.2"	31.5"x 20"x 20"	31.5"x 20"x 20"
WEIGHT	86 lbs	91 lbs	144 lbs	144 lbs	190 lbs	196 lbs
INPUT VOLTAGE SKUs FOR NOMINAL 380V, 400V, 415V, 440V, 480V (50/60HZ)	Y	Y	Y	Y	Y	Y

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 @posicharge
 posicharge.com

