



# SPEC A CHARGER TO YOUR APPLICATION

Lead-acid battery chargers are available in a variety of configurations for use across industrial lift truck applications. Use the steps and guidelines below to determine the most appropriate charger design and type best aligned to your industrial truck application.

## STEP 1: CHARGING TYPE

Select the most appropriate charging type based on your application's battery usage and downtime

Charging Type: \_\_\_\_\_

6-22A/  
100 AH

**CONVENTIONAL**  
IDEAL FOR SINGLE SHIFT

23-30A/  
100 AH

**OPPORTUNITY**  
IDEAL FOR EXTEND SHIFT

31-50A/  
100 AH

**FAST CHARGE**  
IDEAL FOR 2-3 SHIFTS

## STEP 2: BATTERY VOLTAGE

After determining your charging type, select the charger that pairs with your battery voltage. Some chargers are compatible with multiple battery voltages

Battery Voltage: \_\_\_\_\_

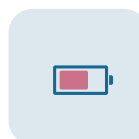


6V, 12V, 18V, 24V, 36V,  
40V, 48V, 72V, OR 80V

## STEP 3: BATTERY AH

Further narrow your charger options by specifying your battery AH range. The AH minimum or AH maximum may fall within more than one charger's capabilities

Battery AH: \_\_\_\_\_



**BATTERY AH RANGE**

## STEP 4: BUILDING AC POWER AVAILABLE

Determine your building's AC power capacity and phase available

AC Power Available: \_\_\_\_\_

Phase Available: \_\_\_\_\_



AVAILABLE IN SINGLE PHASE



AVAILABLE IN SINGLE AND THREE PHASE

## STEP 5: CEC COMPLIANT REQUIREMENTS

Determine if your application or location requires your charger meet California Energy Commission (CEC) regulations. This is typically a requirement for the state of California

CEC Compliant: \_\_\_\_\_



COMPLIANT WITH CEC REGULATIONS

## STEP 6: DEFINE YOUR APPLICATION

Confirm if your application is a single shift (8-10 hour) or extended shift (10+ hour)

Application: \_\_\_\_\_



SINGLE SHIFT



EXTENDED SHIFT

## STEP 7: DEFINE YOUR ENVIRONMENT

Confirm if your environment has high levels of dust, moisture, or other contaminants. Ferro Resonant chargers are best suited for more extreme environments that are heavily contaminated

Environment: \_\_\_\_\_



CLEAN ENVIRONMENT

## STEP 8: CHARGER DESIGN

Select the most appropriate charger type based on your building's AC voltage and phase

Charger Design: \_\_\_\_\_



**FERRO RESONANT**



**HIGH FREQUENCY**

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Name: \_\_\_\_\_

Company: \_\_\_\_\_

Email: \_\_\_\_\_

### Truck Specs

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

Battery Size: \_\_\_\_\_