Battery Builders

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

6-22A/ 100 AH	23-30A/ 100 AH	31-50A/ 100 AH
CONVENTIONAL IDEAL FOR SINGLE SHIFT	OPPORTUNITY IDEAL FOR EXTEND SHIFT	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

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 RANGE

STEP 4: BUILDING AC POWER AVAILABLE

Determine your building's AC power capacity and phase available

120 VAC

AVAILABLE IN SINGLE PHASE

208 / 240 / 480 / 600 VAC

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

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)

8-10h

SINGLE SHIFT

10-12h

EXTENDED SHIFT

STEP 7: CHARGER DESIGN

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

FERRO RESONANT

HIGH FREQUENCY