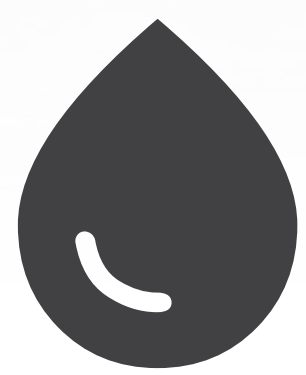


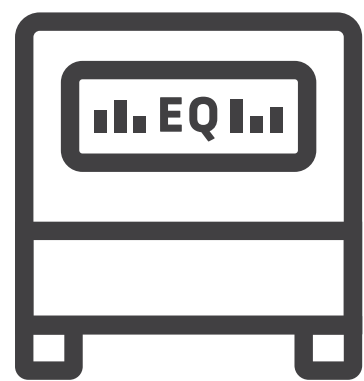
# HOW TO PROPERLY MAINTAIN YOUR FLOODED LEAD ACID BATTERY

## WATERING



- + **PROPER WATER LEVEL AFTER FULL CHARGE:** 1/8" below vent well
- + **BATTERY STATE:** Never water battery in a discharged state unless cell is totally dry. In this case, only fill to the top of the plates to avoid boil over
- + **WEEKLY:** After weekly equalize charge, check water level and properly fill if needed
- + **WATER QUALITY:** Only use deionized water or water free from high impurity levels (<100 parts/million)
- + **SINGLE POINT WATERING SYSTEM:** Manually check cell's water level and system functionality monthly, check delivery system water pressure periodically

## EQUALIZING (EQ)



- + Ensure charger is properly programmed and sized for the battery
- + Run a full equalizing charge cycle once per week
- + Batteries must rest after charge; resting period  $\geq$  charging period

## TEMPERATURE



- + Operating/charging temperature range: maintain battery temperatures within the ranges specified by the operator's manual for conventional and/or opportunity charging
- + Delay charging if battery is outside of recommended temperature range
- + Do not leave batteries in cold storage area when not in use

## DISCHARGING



- + Irreversible damage occurs when the battery is discharged below 20% SOC

## GENERAL MAINTENANCE



- + Top of battery should always be clean, dry, and free of metallic items
- + Every month, you should:
  - + Inspect and clean top of battery
  - + Inspect cables, charging plugs, and any other battery mounted accessories

Battery or charger slowing you down? We offer maintenance programs and emergency onsite repair service\* to keep your batteries and equipment running strong.

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