ICE COBOTICS

Save Resources with Lithium-Ion Batteries

CASE STUDY

ICE Cobotics
Ride-On Scrubber RS26L+

FACILITY	USAGE	BATTERY LIFECYCLE	BATTERY SERVICE
Mall	**2000 run hours** over **3 years**	**650/1500** charge cycles in **3 years**	**0 (Zero)** replacement batteries, or service

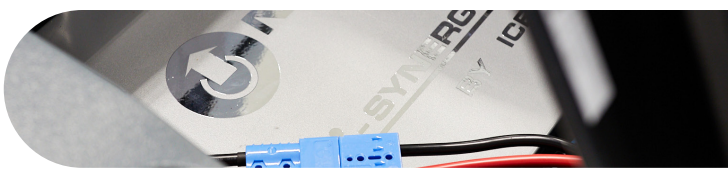
The RS26L was able to operate at full capacity for the entire subscription period

1 lithium-ion battery can be used in place of 2-6 lead acid batteries, significantly reducing landfill waste

The lithium-ion battery will be repurposed

BATTERY COMPARISONS

Traditional Lead Acid Batteries and Lithium-Ion Batteries



TRADITIONAL LEAD ACID BATTERIES

(2 X 12V BATTERIES PROVIDE 24V POWER)

SHORT LIFE
6 months—3 Years
The amount of time traditional lead acid batteries last with proper maintenance. Only 30% of traditional batteries actually make it to the 2-year mark.

FEWER LIFECYCLES
50-200
the average number of cycles in traditional 12V lead acid batteries

RUNTIME
4 Hours
Average length of run time when fully charged

LONGER CHARGE TIME
6-8 Hours
Average length of charging time to get battery to 100% charged

BATTERY COST
$500—$1000
Average annual cost in battery replacement

BATTERY REPLACEMENT
2-6 Batteries
Number of batteries bought over 3 years

ENVIRONMENTAL COST
2-6 Batteries
estimated number of batteries that end up in the landfill

ICE COBOTICS LITHIUM-ION BATTERIES

(EQUIVALENT POWER + ECOLOGICAL ALTERNATIVE)

LONG LIFE
6 Years
Number of years an ICE Cobotics lithium-ion battery can last with 100% charging potential

7X GREATER LIFECYCLES
1500 Battery Cycles
Average number of cycles for an ICE Cobotics lithium-ion battery

RUNTIME
4 Hours
Average length of run time when fully charged

FLEXIBLE OPPORTUNITY CHARGING

BATTERY COST
$0
Cost to replace or maintain battery

BATTERY REPLACEMENT
1 Battery
Number of batteries subscribed to over 3 years, or longer

ENVIRONMENTAL COST
1 Battery
Number of batteries that will be repurposed after 6-7 years