

## Team Energy For All/E4A: Saving Solar Power



U.S. DEPARTMENT OF ENERGY

- Solar energy storage costs as much as \$600/kWh (October 2020)
- Uneven capacity fade from poor battery management accelerates degradation of PV and EV batteries
- On average, < 20% of spent EV and PV batteries are recycled</li>
- E4A's active battery management and reconditioning system extends the life of new and recycled batteries by up to 30%
- Spent/discarded PV and EV batteries can be reconditioned to provide affordable solar energy storage at 10% of retail cost

Clean, reliable, and affordable solar energy storage drives PV adoption, and innovation, growth, and viability of American PV industry



