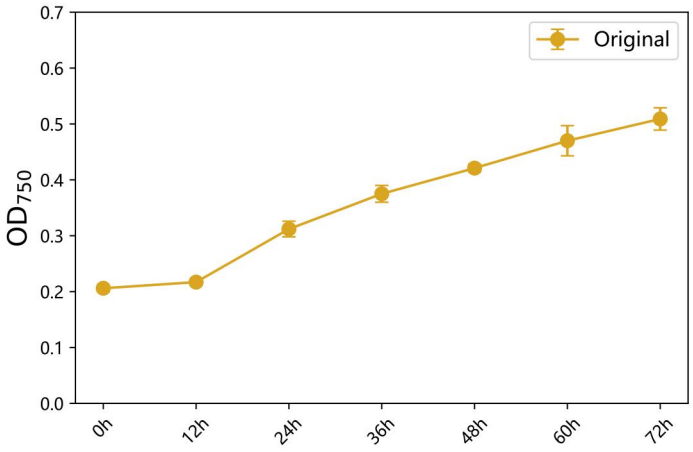


Figure S1. Growth curve of photoreactor standard culture process.

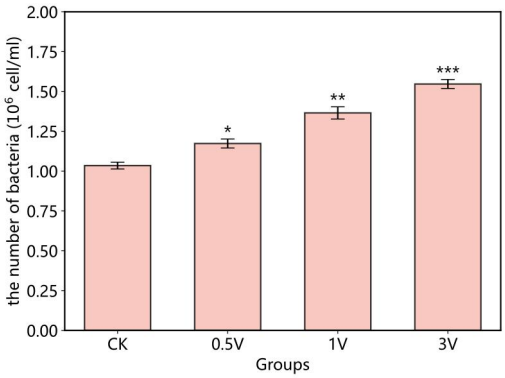


Figure S2. The bacteria counts in photoreactors under different intensity of DC stimulation

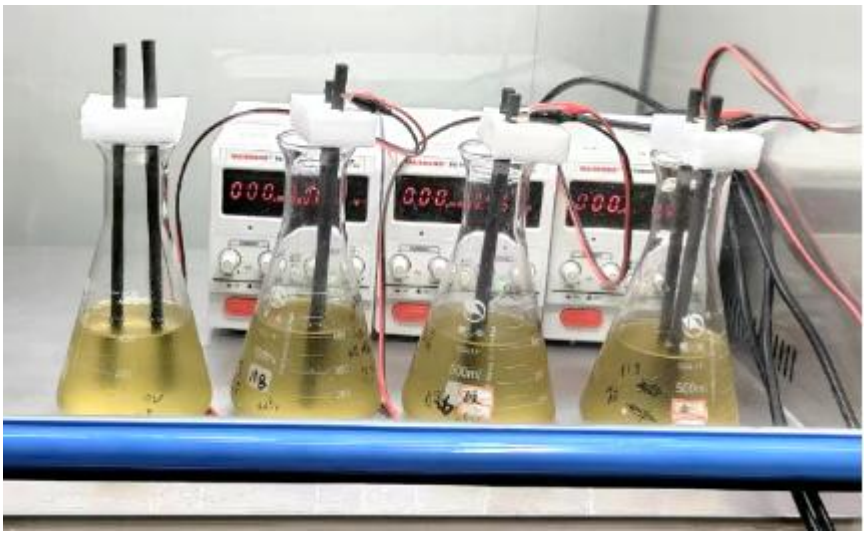


Figure S3. Photo of the Erlenmeyer flask used in the experiment (single unit)