

## Supplementary Information

### Development of a desktop mask charger

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Figure S1: A van de Graaff generator

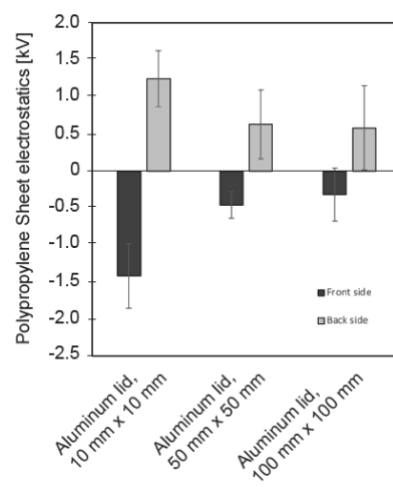


Figure S2: Aluminum lid size dependence on the polypropylene sheet charging capability.