Supporting Information

Size Effects of MoS$_2$ on Hydrogen and Oxygen Evolution Reaction

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Fig. S1. TEM images of the (a-b) 90 nm and (c-d) 2000 nm sample with the particle size analysis of the (e) 90 nm and (f) 2000 nm sample.

Fig. S2. XPS O 1s results of the samples.

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Fig. S3. CV results of the (a) 6000 nm, (b) 2000 nm, and (c) 90 nm samples at the scan rate from 10 to 200 mV/s.

Fig. S4. (a) Raw data and (b) renormalized data of LSV results for OER in the low potential range.
Fig. S5. Durability test of the samples for HER (a-c) and OER (d-f).