Supporting Information

Regulation of the integrated hydrogen storage properties of magnesium hydride using 3D self-assembled amorphous carbon-embedded porous niobium pentoxide

Xiaobin Wen^a, Huiren Liang^a, Ruolin Zhao^a, Feifan Hong ^a, Weitao Shi ^a, Haizhen Liu ^a, Haiqiang Chen ^b, Wenzheng Zhou ^a, Jin Guo, Zhiqiang Lan ^{a, 1}

^a Guangxi Novel Battery Materials Research Center of Engineering Technology, Guangxi Colleges and Universities Key Laboratory of Novel Energy Materials and Related Technology,
School of Physical Science and Technology, Guangxi University, Nanning 530004, PR China
^b Nanning university, Nanning 530004, PR China

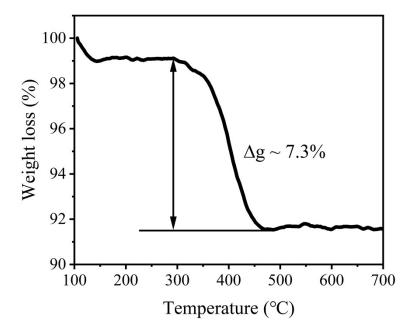


Fig. S1 TG curves of C-p-Nb₂O₅ sample

¹ Corresponding author: E-mail:l zq1100@163..com (Zhiqiang Lan) .

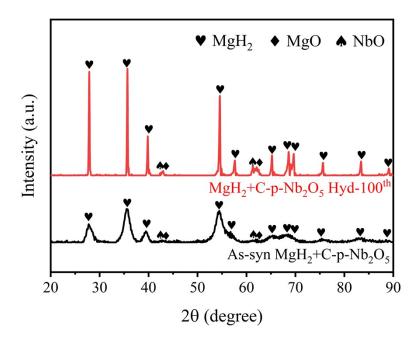


Fig. S2 XRD patterns of MgH₂+C-p-Nb₂O₅ sample