Supplementary Information

Photogenerated carrier dynamics at the $B_4C_3/g-C_3N_4$ interface

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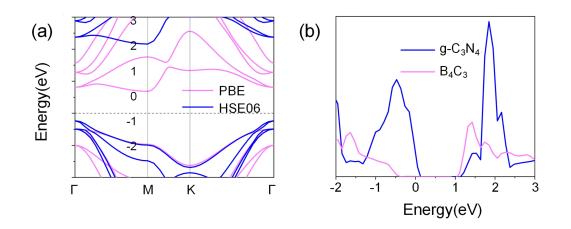


Fig. S1 The band structures (a) and density of states (b) of the B4C3/g-C3N4 heterostructure.

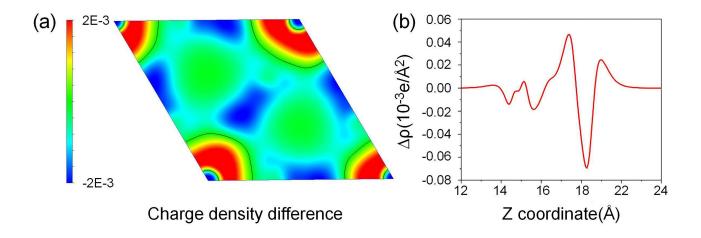


Fig. S2 (a) Charge different density of B_4C_3/g - C_3N_4 heterostructure. Red and blue colors denote $\Delta \rho > 0$ and $\Delta \rho < 0$ regions, respectively. (b) Plane averaged charge difference $\Delta \rho$.

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