

We extend the analysis of soft charges of the four dimensional Maxwell theory to include magnetic charges and their soft modes. Imposing appropriate asymptotic falloff conditions, we compute the electric and magnetic soft charges and their algebra both at spatial and at null infinity. While the commutator of two electric or two magnetic soft charges vanish, the electric and magnetic charges satisfy an infinite copies of Heisenberg algebra. We repeat the charge analysis in the electric-magnetic duality symmetric Maxwell theory, where the charge algebra is extended by the duality generating charge. Moreover, we study the algebra of the charges associated with the Poincare symmetry of the background Minkowski spacetime, the duality generating charge and the soft charges. We discuss physical meaning and implication of our charges and their algebra.