1 The SI unit for potential difference (the volt) is given, in base units, by

A $kg\,m\,A^{-1}s^{-3}$.

B $m^2\,A^{-1}s^{-2}$.

C $kg\,m^2\,s^{-2}$.

D $kg\,m^2\,A^{-1}s^{-3}$.