

## ContainerPower Energy Solutions

# Solar drag system



## Overview

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The force imparted to a solar sail arises from the momentum of photons. The momentum of a or an entire flux is given by : where  $p$  is the momentum,  $E$  is the energy (of the photon or flux), and  $c$  is the . Specifically, the momentum of a photon depends on its wavelength  $p = h/\lambda$  Solar radiation pressure can be related to the irradiance ( ) value of 1361 W/m at 1

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