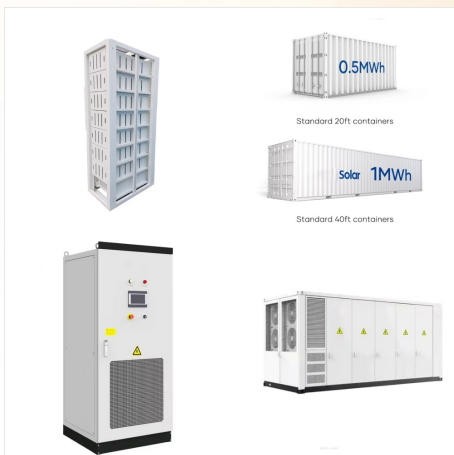




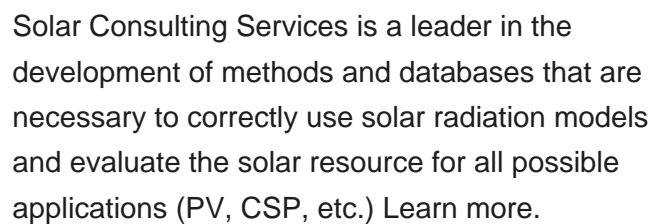
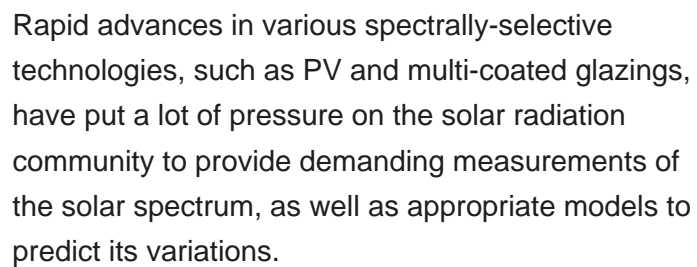
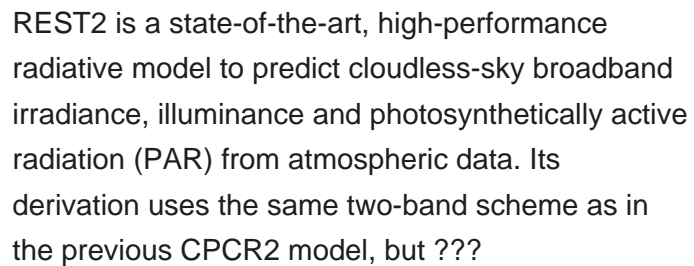
Most important solar projects require precise solar radiation and meteorological measurements at the site under scrutiny, during at least six months or one year. We can select the most qualified service provider at the best price for our clients, and for deployment in any area of the world.



A few reference spectra, based on SMARTS version 2.9.2, have already been standardized for various applications. Most useful to the solar energy community in general should be standard ASTM G173 "Standard Tables for Reference Solar Spectral Irradiances: Direct Normal and Hemispherical on 37° Tilted Surface", which was first approved in 2003



Solar Resource. The solar resource is the average quantity of solar energy that a specific site (or a large area) receives during a specified period, such as a year. The larger the solar resource, the more energy will be produced by any solar system.





ET Radiation. The Total Solar Irradiance (TSI) incident at the top of the Earth atmosphere is affected by the Sun's activity and thus varies slightly on a daily and seasonal basis. A reconstruction of the daily TSI since 1976, based on measurements from spaceborne radiometers and appropriate corrections [1], is shown in Fig. 1.