

solar_module_1.ebe

Attributes

```
ebe name=solar_module_1 x_inputs=yes
#
#
# Reference:
#   Modelling Photovoltaic Systems Using PSpice
#   by L. Castañer and S. Silvestre
#
Jacobian: variable
nodes: p n
state_vars:
aux_vars:
aux_vars_startup:
x_vars: g ta
iparms:
sparms:
rparms:
+ ns=1
+ vocmr=1
+ iscmr=1
+ coef_iscm=0
+ coef_vocm=0
+ noct=20
+ tr=25
+ pmaxr=1
stparms:
igparms:
outparms: i v p p_net
```

Description

solar_module_1.ebe and solar_module_rs.ebe are connected in series to make up the behavioral model (sub-circuit) of a PV module. The documentation for the sub-circuit (s_solar_module_1) describes the meaning of the various parameters of solar_module_1.ebe and solar_module_rs.ebe.