

## c.ebe

### Attributes

```
ebe name=c
Jacobian: constant
nodes: p n
state_vars: qp qm
aux_vars:
aux_vars_startup: cur_p
x_vars:
iparms:
sparms:
rparms:
+ c=1.0
+ k_scale=1
stparms: v0=0
igparms:
outparms: i v
```

### Description

c.ebe is a capacitor connected between nodes p and n. The capacitance value is given by the product of the real parameters c and k\_scale. The start-up parameter v0 serves as the capacitor voltage in start-up simulation. The branch current and branch voltage are made available as output variables i and v, respectively.