

## vsrc\_dc.ebe

### Attributes

```
ebe name=vsrc_dc
# dc voltage source v=k_scale*vdc
Jacobian: constant
nodes: p n
state_vars:
aux_vars: cur_p
aux_vars_startup: cur_p_s
x_vars:
iparms:
sparms:
rparms:
+ vdc=0
+ k_scale=1
stparms:
igparms:
outparms: i v
```

### Description

vsrc\_dc.ebe is a dc voltage source connected between nodes p and n. The voltage value is given by the product of the real parameters vdc and k\_scale. The branch current and branch voltage are made available as output variables i and v, respectively.