q_{front}^{rad}	radiative heat flux on the front of the PV panel (W/m^2)
q_{front}^{conv}	convective heat flux on the front of the PV panel (W/m^2)
q_{back}^{rad}	radiative heat flux on the back of the PV panel (W/m^2)
F	view factor of PV surface
Q	net solar radiation on PV front surface
A	area of the PV panel (m^2)
L	length of the PV panel
q	volumetric heat dissipation (W/m^3)
Re	Reynolds number
Pr	Prandtl number
Ra_L	Raylegh number

Greek symbols

α_{glass}	absorptivity of the glass
ε_{glass}	emissivity of the glass
β	thermal expansion coefficient (1/K)
ρ	fluid density (kg/m^3)
ν	kinematic viscosity (N s /m^2)
λ	thermaconductivity (W/(m K))
η	efficiency

Subscripts

d	diode
b	battery
sur	surrounding
sky	sky
amb	ambient
back	backsheet
gro	ground
PV	photovoltaic