Set Swtich

S1=ON

S2=ON

S3=ON

1

Set/Initialize all system parameters like Voltages

B1, B2 and B3 and Resistors R1, R2 AND R3

Start Simulation

Get Cell Voltages B1, B2 & B3

If(Bi>=6)

for any i=1,2,3

Stop Simulation

Print Number of

discharge cycle

if|Vi – Vj| >=1

For all i,j=1,2,3(i≠j)

Start cell Balancing

for Vi<Vj<Vk where i,j,k=1,2,3 & (i≠j≠k)

if(|Vj-Vk|>=1) Set Si=OFF, Sj= OFF & Sk=ON

else Set Si=OFF, Sj= ON & Sk=ON

END