```
Initial Parameters...
R(load) = 500 ohms
r = 1.00
w = 0.50

---------
INITIAL Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
INITIAL Particle 2 ::   pos(duty)=   0.26843882    fitness(Output Power)=  10.64447425
INITIAL Particle 3 ::   pos(duty)=   0.25784617    fitness(Output Power)=  10.64447425

================================================
++++++++++++++Start of Iterations++++++++++++++
================================================
Iteration No: 1
c1 =   0.33166524    c2 =   0.15223401
velocity =

         0
   -0.0089
   -0.0083

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.25952288    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.24957526    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 2
c1 =   0.34800766    c2 =   0.12165845
velocity =

         0
   -0.0111
   -0.0103

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.24837358    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.23923255    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 3
c1 =   0.88415306    c2 =   0.09427839
velocity =

         0
   -0.0103
   -0.0096
```

```
Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.23803399    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.22964098    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 4
c1 =   0.93004063    c2 =   0.39901997
velocity =

         0
   -0.0237
   -0.0220

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.21434751    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.20766811    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 5
c1 =   0.04740146    c2 =   0.34237350
velocity =

         0
   -0.0245
   -0.0227

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.18986015    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.18495228    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 6
c1 =   0.73596616    c2 =   0.79468216
velocity =

         0
   -0.0338
   -0.0314

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.15605209    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.15359007    fitness(Output Power)=  10.64447425
```

```
Updated best Fitness Position =   0.12202052


--------
Iteration No: 7
c1 =   0.54490590    c2 =   0.68622346
velocity =

         0
   -0.0262
   -0.0243

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12980676    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12924346    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 8
c1 =   0.89363270    c2 =   0.05479179
velocity =

         0
   -0.0133
   -0.0123

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.11651344    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.11691185    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 9
c1 =   0.30366138    c2 =   0.04619156
velocity =

         0
   -0.0065
   -0.0061

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.10996853    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.11084044    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052
```

```
--------
Iteration No: 10
c1 =   0.19547676    c2 =   0.72016580
velocity =

   1.0e-03 *

         0
    0.1993
    0.1849

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.11016785    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.11102533    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 11
c1 =   0.72175327    c2 =   0.87779907
velocity =

         0
    0.0043
    0.0040

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.11442921    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.11497841    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 12
c1 =   0.58243296    c2 =   0.07068434
velocity =

         0
    0.0023
    0.0022

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.11677453    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.11715405    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 13
```

```
c1 =   0.92274457    c2 =   0.80037209
velocity =

         0
    0.0029
    0.0026

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.11962669    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.11979987    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 14
c1 =   0.28594686    c2 =   0.54366323
velocity =

         0
    0.0019
    0.0018

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12157334    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12160569    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 15
c1 =   0.98477624    c2 =   0.71567807
velocity =

         0
    0.0011
    0.0010

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12267468    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12262735    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 16
c1 =   0.83896960    c2 =   0.43326056
velocity =

   1.0e-03 *
```

```
         0
    0.4373
    0.4057

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12311198    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12303302    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 17
c1 =   0.47062472    c2 =   0.56071341
velocity =

   1.0e-04 *

         0
   -0.2615
   -0.2426

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12308583    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12300876    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 18
c1 =   0.26909154    c2 =   0.74901847
velocity =

   1.0e-03 *

         0
   -0.3323
   -0.3082

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12275358    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12270055    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 19
c1 =   0.50388777    c2 =   0.64680967
velocity =
```

```
   1.0e-03 *

         0
   -0.3558
   -0.3300

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12239780    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12237050    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 20
c1 =   0.30774558    c2 =   0.13872464
velocity =

   1.0e-03 *

         0
   -0.1988
   -0.1844

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12219897    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12218606    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 21
c1 =   0.47557293    c2 =   0.36245928
velocity =

   1.0e-03 *

         0
   -0.1253
   -0.1162

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12207368    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12206984    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 22
```

```
c1 =   0.78811343    c2 =   0.78029582
velocity =

   1.0e-04 *

         0
   -0.7924
   -0.7350

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12199445    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12199633    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 23
c1 =   0.66851221    c2 =   0.13350386
velocity =

   1.0e-04 *

         0
   -0.3823
   -0.3546

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12195622    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12196087    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 24
c1 =   0.02155589    c2 =   0.55984071
velocity =

   1.0e-05 *

         0
   -0.4714
   -0.4373

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12195151    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12195650    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052
```

```
--------
Iteration No: 25
c1 =   0.30081902    c2 =   0.93940971
velocity =

   1.0e-04 *

         0
    0.2358
    0.2187

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12197508    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12197837    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 26
c1 =   0.98090364    c2 =   0.28662039
velocity =

   1.0e-04 *

         0
    0.1700
    0.1577

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12199208    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12199414    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 27
c1 =   0.80082029    c2 =   0.89611135
velocity =

   1.0e-04 *

         0
    0.1869
    0.1734

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12201077    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12201148    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052
```

```
--------
Iteration No: 28
c1 =   0.59752658    c2 =   0.88401674
velocity =

   1.0e-04 *

         0
    0.1279
    0.1187

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202356    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202334    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 29
c1 =   0.94373154    c2 =   0.54915809
velocity =

   1.0e-05 *

         0
    0.5728
    0.5313

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202929    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202866    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 30
c1 =   0.72838682    c2 =   0.57675830
velocity =

   1.0e-06 *

         0
    0.8398
    0.7790

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12203013    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202944    fitness(Output Power)=  10.64447425
```

```
Updated best Fitness Position =   0.12202052


--------
Iteration No: 31
c1 =   0.02585747    c2 =   0.44653098
velocity =

   1.0e-05 *

         0
   -0.1297
   -0.1203

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202883    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202823    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 32
c1 =   0.64630196    c2 =   0.52120295
velocity =

   1.0e-05 *

         0
   -0.2382
   -0.2210

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202645    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202602    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 33
c1 =   0.37231266    c2 =   0.93713467
velocity =

   1.0e-05 *

         0
   -0.3415
   -0.3168

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202304    fitness(Output Power)=  10.64447425
```

```
Particle 3 ::   pos(duty)=   0.12202285    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 34
c1 =   0.82953282    c2 =   0.84908548
velocity =

   1.0e-05 *

         0
   -0.2563
   -0.2378

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202047    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202048    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 35
c1 =   0.37253424    c2 =   0.59318458
velocity =

   1.0e-05 *

         0
   -0.1271
   -0.1179

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12201920    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12201930    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 36
c1 =   0.87255256    c2 =   0.93350161
velocity =

   1.0e-06 *

         0
   -0.1442
   -0.1338
```

```
Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12201906    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12201916    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 37
c1 =   0.66846427    c2 =   0.20677646
velocity =

   1.0e-07 *

         0
    0.4864
    0.4513

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12201911    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12201921    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 38
c1 =   0.65385059    c2 =   0.07205155
velocity =

   1.0e-07 *

         0
    0.6499
    0.6029

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12201917    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12201927    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 39
c1 =   0.40672692    c2 =   0.66693153
velocity =

   1.0e-06 *

         0
    0.3916
```

```
    0.3633

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12201956    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12201963    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 40
c1 =   0.93372566    c2 =   0.81095003
velocity =

   1.0e-06 *

         0
    0.5054
    0.4689

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202007    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202010    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 41
c1 =   0.48454827    c2 =   0.75674921
velocity =

   1.0e-06 *

         0
    0.3887
    0.3605

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202046    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202046    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 42
c1 =   0.41704745    c2 =   0.97178599
velocity =

   1.0e-06 *
```

```
         0
    0.2178
    0.2021

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202068    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202066    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 43
c1 =   0.98797470    c2 =   0.86414753
velocity =

   1.0e-07 *

         0
    0.5451
    0.5057

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202073    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202071    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 44
c1 =   0.38888378    c2 =   0.45474183
velocity =

   1.0e-07 *

         0
   -0.1129
   -0.1047

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202072    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202070    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 45
c1 =   0.24668720    c2 =   0.78442309
velocity =
```

```
   1.0e-07 *

         0
   -0.6859
   -0.6363

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202065    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202064    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 46
c1 =   0.88283761    c2 =   0.91371168
velocity =

   1.0e-07 *

         0
   -0.8255
   -0.7657

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202057    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202056    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 47
c1 =   0.55828492    c2 =   0.59886810
velocity =

   1.0e-07 *

         0
   -0.5312
   -0.4928

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202051    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202051    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 48
c1 =   0.14887672    c2 =   0.89971348
```

```
velocity =

   1.0e-07 *

         0
   -0.2525
   -0.2342

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202049    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202049    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 49
c1 =   0.45039358    c2 =   0.20567234
velocity =

   1.0e-07 *

         0
   -0.1025
   -0.0951

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202048    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202048    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
Iteration No: 50
c1 =   0.89965099    c2 =   0.76258554
velocity =

   1.0e-08 *

         0
    0.6817
    0.6324

Particle 1 ::   pos(duty)=   0.12202052    fitness(Output Power)=  10.64447425
Particle 2 ::   pos(duty)=   0.12202049    fitness(Output Power)=  10.64447425
Particle 3 ::   pos(duty)=   0.12202049    fitness(Output Power)=  10.64447425


Updated best Fitness Position =   0.12202052


--------
```

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