

```
Iteration 1/10, Best Value: 6.928178359383333
Iteration 2/10, Best Value: 2.4516404910691705
Iteration 3/10, Best Value: 1.5351262543700415
Iteration 4/10, Best Value: 1.5351262543700415
Iteration 5/10, Best Value: 1.5351262543700415
Iteration 6/10, Best Value: 1.5351262543700415
Iteration 7/10, Best Value: 1.5351262543700415
Iteration 8/10, Best Value: 1.5351262543700415
Iteration 9/10, Best Value: 1.5351262543700415
Iteration 10/10, Best Value: 1.0703513235430577

Best position found by PSO: [ 0.97636583 -0.00594266]
Best value (minimized Rastrigin function): 1.0703513235430577
```