

 <p>PG PARS CO Corrosion control & Cathodic protection شرکت پی جی پارس (سهاس خاص) سیستم های حفاظت کاتدی (طراحی، تولید و اجرا)</p>	<h2>DATA SHEET</h2>	
Document Title:	Data Sheet of Polarization Cell	Rev:00
Document No.:	PGP-NN-001-DSH-001	Page 1 of 3

Data Sheet of Polarization Cell 5KA (-3, +1)



PG PARS CO

Corrosion control & Cathodic protection
شرکت پی جی پارس (سہاس خاص)
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Document No.:	PGP-NN-001-DSH-001	Page 2 of 3

General Design Data

1. Site Condition

1.1 Max. ambient temperature +80 degree centigrade , Sun Metal temp. Max +85

1.2 Min. ambient temperature -40 degree centigrade

1.3 Relative humidity 90 percent

1.4 Service location indoor outdoor

1.5 Unusual conditions Windy Snowy Dusty

1.6 Atmosphere Saliferrous Dusty Chemical Vapors

2. Degree of ingress protection

2.1 Explosion proof

2.1.1 Area classification	<input type="checkbox"/> Zone 0	<input type="checkbox"/> Zone 1	<input checked="" type="checkbox"/> Zone 2	<input type="checkbox"/> Safe area
2.1.2 Explosion protection	<input checked="" type="checkbox"/> Exd	<input type="checkbox"/> Exe	<input type="checkbox"/> Exn	
2.1.3 Group of Gas in site	<input type="checkbox"/> II A	<input checked="" type="checkbox"/> II B	<input type="checkbox"/> II C	
2.1.4 Temperature class	<input checked="" type="checkbox"/> T3	<input type="checkbox"/> T4	<input type="checkbox"/> T5	

2.2 Weather proof

2.3 Corrosion resistance

2.4 IP 67

3. Mounting

3.1 Pad mounted (Plinth Mounted) 3.2 Pole mounted 3.3 Wall mounted 3.4 free standing

4. Dimension & Weight

4.1 Body Dimension Height 40 cm Depth 20 cm Width 45cm

4.2 Overall Dimension Height 50 cm Depth 25 cm Width 50cm

4.3 Weight (Net) 18 kg

4.4 Weight (Gross) 25 kg

5. Terminals

5.1 Output terminal +DC -DC Alarm

Electrical Characteristics

6. AC Fault Current Rating

6.1 Frequency 50HZ. 60HZ.

6.2 amp ratings

<input type="checkbox"/> 3.5KA	<input type="checkbox"/> 3.75KA	<input checked="" type="checkbox"/> 5KA
<input type="checkbox"/> 9KA	<input type="checkbox"/> 10KA	<input type="checkbox"/> 14KA
<input type="checkbox"/> 15KA	<input type="checkbox"/> 20KA	<input type="checkbox"/> 30KA



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Document No.:	PGP-NN-001-DSH-001	Page 3 of 3

6.3 Cycles

1 Cycle

3 Cycles

10 Cycles

30 Cycles

7. Threshold Dc Voltage

7.1 -0.5 / +2

-3 / +1

-2 / +2

-4 / +1

-3 / +3

8. Lightning Surge Current

8.1

10KA

50KA

100KA

9. Ac Steady State Current

9.1

40A

45A

80A

10. Standard

10.1 IEC60529

IEC 61643

IEC 60146

IEC 62271

NACE RP0169

11. Color Finishing

11.1 Sun shade RAL 7035 80M Electrostatic Powder Coating.

11.2 Door RAL 7035 80M Electrostatic Powder Coating.

11.3 Meter panel RAL 7035 80M Electrostatic Powder Coating.

11.4 Outside RAL 7035 80M Electrostatic Powder Coating.