



IP66 Test Certificate: Polycase HP-Series

Independent Test Lab Performing Tests: Keystone Compliance, LLC

Test specification(s): IEC 60529 IPX6 Powerful water jet

IEC 60529 IP6X Dust tight with pressure

Degrees of Protection Provided by Enclosures

Calibration information: ANSI/NCSL Z540-3-2006

Calibration Laboratories and Measuring Test Equipment -

General Requirements

Part number tested: HP-100604-11

Test completion date: January 30, 2024

This test certificate is based on testing completed on Polycase p/n: HP-100604-11 by an independent test lab.

Since the enclosure tested is the largest / worst case configuration HP-Series enclosure design, it is considered that the test results apply to other HP Series enclosures of a smaller size utilizing similar design constraints.

Testing was completed on a stock enclosure without any modifications. Adding cutouts to the enclosure will void the ratings.

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Polycase Product Development

Date: 4/26/2024





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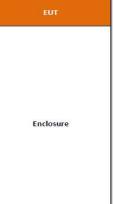
REPORT No.: 2401-132N REVISION: N/C

ENVIRONMENTAL TEST REPORT FOR POLYCASE

Equipment Under Test(s)

	EUT		
Description		Manufacturer Polycase	
Enclosure			
Model Number	Part Number	Serial Number	
HP-100604-11	N/A	N/A	







IPX6 Powerful Water Jet

Test



IP6X Dust Tight with Pressu

Post Test



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Conclusion:

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ENVIRONMENTAL TEST REPORT FOR POLYCASE

Section 4 - Conclusion

a) The Enclosure, Model Number: HP-100604-11; Part Number: N/A; Serial Number: N/A, was subjected to the following Environmental Tests in accordance with IEC 60529 and the specifications as shown in Table 2:

Table 2 Tests Performed & Results

Test Description	Specification	Results	
IPX6 Powerful Water Jet	IEC 60529	Post Test Inspection revealed no visible damage, defects or any other abnormalities due to testing. The unit was dried off and opened, no water ingress was found inside. The Enclosure (Model – HP-100604-11) met the requirements of the specification.	
IP6X Dust Tight with Pressure	IEC 60529	The unit was dusted off, no visible damage, defects or any other abnormalities due to testing. The Enclosure was opened and no dust ingress was found inside. The Enclosure (Model – HP-100604-11) met the requirements of the specification.	

b) The Enclosure was returned to Polycase after completion of the Environmental Test.