



‘MotoSAT NEWSFLASH’

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Dear DataStorm Dealer

Read all about it.....

Subject: Comparison of DataStorm F1 and F3 dishes

DataStorm F1 dish is a .74 meter dish. The F1 has the capability of using internet *and* television components. For most customers this is the most cost efficient mobile satellite internet solution available on the market today. With the ability to get DSL speeds while downloading and dial up speeds uploading, you can surf the internet and watch your satellite television at the same time; however, the F1 does not allow Enhanced In-route Packages. F1 has the option to be able to provide you with High Definition television with your DirecTv or Dish Network subscription.

DataStorm F3 dish is a 1.2 meter dish. The F3 does not have the capability for doing television, but does have the ability to perform with the Enhanced In-route or high speed bandwidth packages. Also with the F3 offers the addition gain to that you can have service in highly remote areas that you could not access with the F1 dish. For businesses or enterprises who need the higher speeds of bandwidth for video streaming, VOIP, VPN this would be a highly affordable dish.

The following is a brief description of the difference between the DataStorm F1 and the DataStorm F3:

1. The power supply for a F3 dish is **15 VDC, 6.6 Amps** and it is not an option. The power supply for a F1 dish is **12 VDC, 4 Amps** and is not an option. It must be installed for proper performance.
2. The control cable for a F3 dish is 50 ft, **18 gauge** and may be cut to length. This cable is not an option. It must be installed for proper performance. The cable supplied with the DataStorm F1 is **22 gauge** and is not acceptable for use with the DataStorm F3.
3. The weight of the DataStorm F3 is **190 lbs.** Putting it on the roof of a mobile platform has to be thought out in advance. A dealer cannot do it by himself. A lift of some sorts is a requirement. The weight of a DataStorm F1 is **105 lbs.**

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4. The **operation of the DataStorm F3 is the same as the DataStorm F1.**
5. The Controller for the DataStorm F3 is the same as the DataStorm F1 (except when using the D1 Controller). The new D2 Controller is compatible with the F3 or F1.
6. Firmware V2.0.0.17 or higher is compatible with DataStorm F3 and the DataStorm F1. Earlier versions of firmware are not to be used with the DataStorm F3.
7. The DataStorm F3 is shipped in 2 (two) containers. One contains the Dish Face, the other the Mount and all associated electronics and cabling. Attachment of the dish face to the mount is required for installation.
8. All TFES (Temporary Fixed Earth Stations) regulations that govern the DataStorm F1 and govern the DataStorm F3.
9. BOW (Bird on Wire) options are not available on the DataStorm F3. No future plans will address this issue. Skew of the electronics at the LNB location make the BOW an unachievable option.
10. Dimensions for mounting the DataStorm F3 are:
 - a. Roof area requirements (stowed) 48” wide x 63” long.
 - b. Height Stowed 12”. Deployed 66” (maximum vertical)
 - c. Rotational requirements (from center of Azimuth rotation to edge of reflector) 52 ½”
 - d. Mounting Plate 24” wide x 60” long and is predrilled for ease of mounting.
11. Dimensions for mounting the DataStorm F1 are:
 - a. Roof area requirements (stowed) 39.5” wide x 56” long.
 - b. Height Stowed 10.5”. Deployed 48” (maximum vertical)
 - c. Rotational requirements (from center of Azimuth rotation to edge of reflector) 42”
 - d. Mounting Plate 21 ¾” x 48”
12. Dimensions and Weight for the DataStorm F3 shipping are:
 - a. Box for Dish Face (reflector) 63x27x14 ¼”. Weight: 45 lbs (Dim 89 lbs)
 - b. Box for Mount and associated Electronics and Cable 64x27x5”
Weight:190 lbs (Dim 176 lbs)
 - c. Total Ship Weight: 235 lbs
13. Dimensions and Weight for the DataStorm F1 shipping are:
 - a. Box for Mount/Dish Face and associated Electronics and Cable 58x44x14”. Weight 155 lbs. (Dim 185 lbs)
 - b. Total Ship Weight 155 lbs. (Dim 185 lbs)
14. Mounting criteria is the same as DataStorm F1.
15. Trouble shooting techniques are the same as DataStorm F1.

Your Sales Staff at MotoSAT

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