

## **UPS Battery and Cabinet Solutions**





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## Your complete one-stop-shop

As the world becomes increasingly digitized, data protection solutions are in ever greater demand. EnerSys®, the world leader in Energy Storage Solutions, is introducing a new range of UPS Battery Cabinets, ideal for use with Datasafe HX+ batteries, a total package solution to enable mission-critical data protection.

#### One single source for your Power Needs

Cabinet, batteries and auxilliary components from a single EnerSys source

Complete service from battery sizing to installation and commissioning

Customised to your power needs

As an option, the cabinet and batteries can be fully assembled at the factory to minimise installation time

Cabinets are designed to complement DataSafe HX+ batteries

DataSafe HX+ batteries save up to 40% in the operational expenditure necessary to maintain battery fully charged compared to a traditional lead-calcium battery



#### **Cabinet Features and Benefits**

- Robust welded metallic structure
- Removable shelves and panels
- Factory pre-wired
- Heavy load (400kg) bearing shelves
- Superior ventilation ensured by air vents on all panels and cabinet top
- Easy connection to the UPS equipment
- Easy assembly
- Breakers and fuses provided as standard
- All steel parts electrically bonded and grounding terminal included
- Choice of optional accessories

#### DataSafe HX+ Features and Benefits

- Higher power density
- Less weight and space
- Long design life, fewer maintenance visits, lower battery replacements costs
- Lower energy consumption than lead-calcium batteries





### **Battery Accommodation**

| DATASAFE HX+<br>MONOBLOC TYP | PES    |
|------------------------------|--------|
| 12HX360FR+                   | 144111 |
| 12HX420FR+                   |        |
| 12HX505FR+                   |        |
| 12HX560FR+                   |        |

| TOTAL NUMBER OF SHELVES PER CABINET (1) |             |  |  |  |
|---|-------------|--|--|--|
| 1400 mm High                            | 1900mm High |  |  |  |
| Cabinet                                 | Cabinet     |  |  |  |
| 4                                       | 5           |  |  |  |
| 4                                       | 5           |  |  |  |
| 3                                       | 4           |  |  |  |
| 3                                       | 4           |  |  |  |



## DATASAFE HX+ MONOBLOC TYPES

12HX360FR+ 12HX420FR+ 12HX505FR+ 12HX560FR+

| MAXIMUM NUMBER OF MONOBLOCS PER CABINET |                            |                             |  |  |
|---|----------------------------|-----------------------------|--|--|
| 800Wx800Dx1400H<br>Cabinet              | 800Wx800Dx1900H<br>Cabinet | 1400Wx800Dx1900H<br>Cabinet |  |  |
| 28                                      | 36                         | 76                          |  |  |
| 28                                      | 36                         | 76                          |  |  |
| 20                                      | 28                         | 44                          |  |  |
| 20                                      | 28//                       | 44                          |  |  |

# DATASAFE HX+ MONOBLOC TYPES 12HX360FR+

12HX420FR+ 12HX505FR+ 12HX560FR+

| MAXIMUM NUMBER OF MONOBLOCS PER SHELF |                        |                       |                        |  |  |
|---------------------------------------|------------------------|-----------------------|------------------------|--|--|
| Plain Shelves                         |                        | Isolator Shelf        |                        |  |  |
| 800mm wide<br>Cabinet                 | 1400mm wide<br>Cabinet | 800mm wide<br>Cabinet | 1400mm wide<br>Cabinet |  |  |
| 8                                     | 16                     | 4                     | 12                     |  |  |
| 8                                     | 16                     | 4                     | 12                     |  |  |
| 8                                     | 12                     | 4                     | 8                      |  |  |
| 8                                     | 12                     | 4                     | 8                      |  |  |

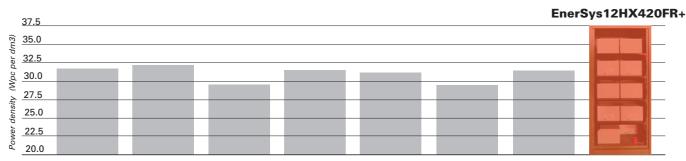
Note:(1) Whatever the total number of shelves, one shelf will accommodate circuit breakers and will only hold the lower number of maximum DataSafe HX+ monoblocs





## **Leading Power Density**

DataSafe 12HX420FR+: An industry leader in power density



**Save up to 40% in energy consumption** with DataSafe HX+ batteries.

**Weight savings:** the combined weight of an EnerSys cabinet and DataSafe HX Plus batteries is typically less than the weight of competitors' batteries without accommodation.

|              |        | Dimensions |        | Weight |                          |
|--------------|--------|------------|--------|--------|--------------------------|
| Cabinet Type | Length | Width      | Height | (Kg)   | Max Number<br>of Shelves |
| BCS - 1      | 800    | 800        | 1400   | 210    | 4                        |
| BCS - 2      | 800    | 800        | 1900   | 250    | 5                        |
| BCS-3        | 1400   | 800        | 1900   | 300    | 5                        |







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