

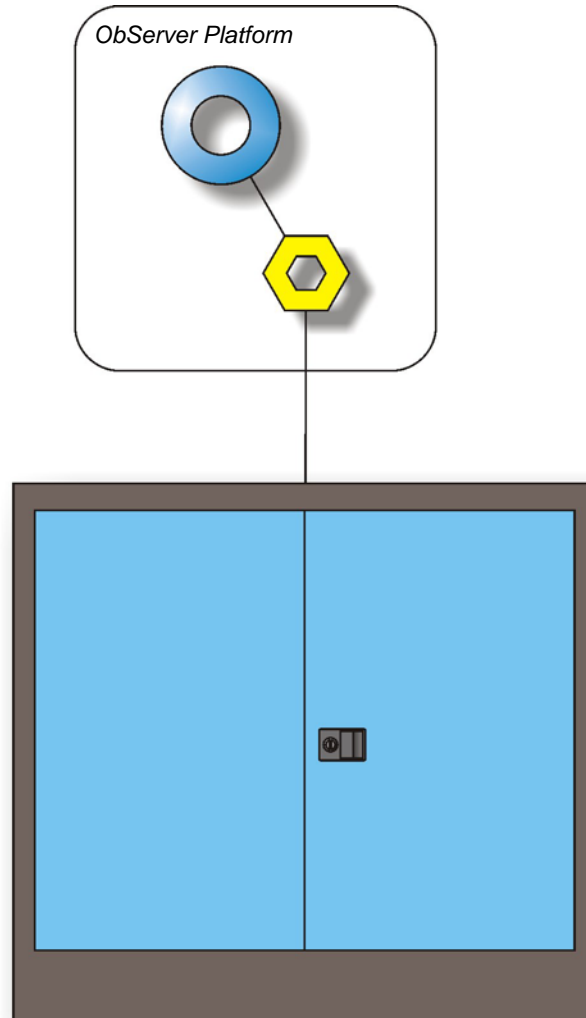
# Product Engineering Guide

## OSM v20 ExideUPS v10

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### ***Introduction***

The ExideUPS OSM links the Exide Electronics UPS to ObServer.



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## **Engineering**

### **Step 1 – Install OSM**

The ExideUPS OSM is installed automatically with all ObSys editions. Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

### **Step 2 – Connect COM Port to Exide Electronics/ International Power Machines UPS**

Using cable, connect the Exide Electronics/ International Power Machines UPS to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

### **Step 3 – Plug in ExideUPS OSM to ObServer**

Use object engineering software to locate the ObServer Setup object. Assign the ExideUPS OSM to an available channel. Refer to '[ObServer v20 Application Engineering Guide](#)'.

Note: After inserting the OSM, your engineering software may need to re-scan the ObServer object in order to view the OSM.

### **Step 4 – Configure ExideUPS OSM**

The COM port and Unit Conversion are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

### **Step 5 – Access Objects within the Exide Electronics/ International Power Machines UPS**

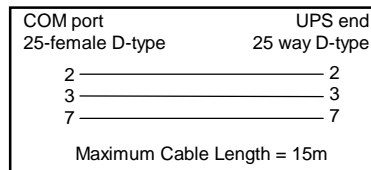
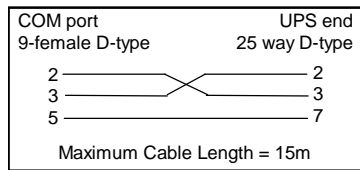
Values from the Exide Electronics/ International Power Machines UPS are made available as objects from ObServer. Any object software that is connected to the ObServer can access these objects.

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## Engineering Reference

### Cable Specification

The cable between COM port and the UPS hardware is as follows:



### Objects

When the OSM is loaded the following objects are created within ObServer, use object software to access these objects.

Object <sup>[1]</sup>	Label	R/W	Type
Sc	ExideUPS System connected to channel c	-	<a href="#">[ExideUPS v10]</a>
Mc	ExideUPS Module connected to channel c	-	<a href="#">[OSM v20\ ExideUPS v10]</a>

### Notes

[1] The ObServer channel number, c, is a number in the range 1...40.