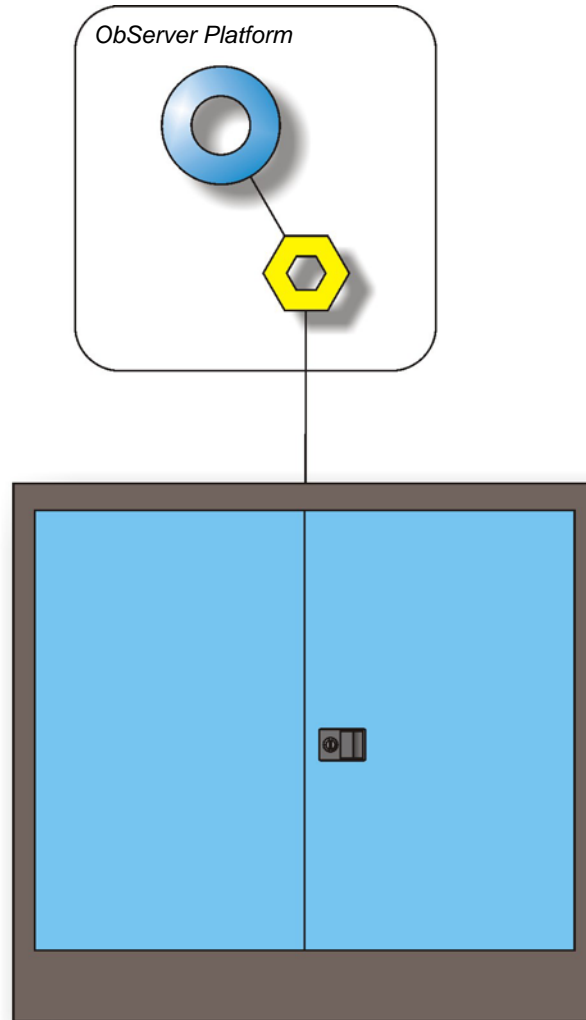


Product Engineering Guide

OSM v20 ExideUPS v10

Introduction

The ExideUPS OSM links the Exide Electronics UPS to ObServer.



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.

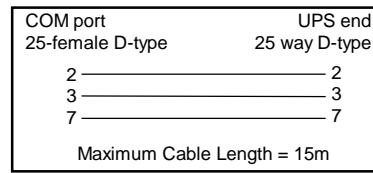
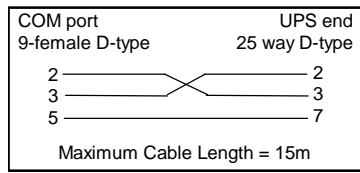
Step 5 – Access Objects within the Exide Electronics/ International Power Machines UPS

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.

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 ^[1]	Label	R/W	Type
Sc	ExideUPS System connected to channel c	-	[ExideUPS v10]
Mc	ExideUPS Module connected to channel c	-	[OSM v20\ ExideUPS v10]

Notes

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