

### Project Title

**Know-How Manufacturing of High Power Load Share Industrial UPS**

### Second Winner

### Applied Research

**Initiative:** Jahad Daneshgahi Elm Va Sanat (JDEVS)

**Contributor:** SPEC Company

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### Representative:

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### Abstract

This project was performed to achieve the know-how for production of high reliable and high power industrial load share UPS's. The first aim was production of high power UPS for covering all needs in petroleum and power industries and then adding load sharing capability for improving the reliability. Using all international standards such as IEC and using new technologies of PLC and industrial busses like MOD BUS made this UPS compatible with specifications necessary for off-shore projects. By having this technology JDEVS could won all UPS contracts for south parts phases no. 6,7,8,9,10 in off-shore field and phases no. 9,10 in on-shore field in competition with the best European companies. This kind of UPS's can be used for critical loads in locations such as petrochemical plants, power plants, oil and gas refineries and so on.