

# Innova™ STS Mobile

Sub-cycle Transfer Switch

*emPowering Energy*

## Benefits

- **Maximize Uptime & Productivity**
  - Fastest MV power transfer available (switching MWs in milliseconds)
  - IEEE 446 compliant (CBEMA curve)
  - Proven technology
- **Reduces Operating Costs**
  - Fast Return On Investment (ROI)
  - Lower upfront cost vs. UPS
  - Low maintenance
- **Environmentally Clean**
  - Medium voltage (no transformer)
  - No energy storage elements to maintain or dispose of
  - Air-cooled

## Applications

- Airports & Airbases
- Cloud & Data Centers
- Automated Manufacturing
- Telecommunications Centers
- Computer Networks
- Power Quality Parks
- Office Buildings
- Industrial Parks
- R&D Labs



## Description

Silicon Power's Innova™ STS Mobile (Sub-cycle Transfer Switch) is a quickly deployable, mobile power quality solution that maximizes the resilience of your power network, empowering higher levels of productivity. The Innova STS Mobile is a proven solution that has become essential for a growing number of businesses and industries globally—empowering higher levels of power reliability and performance.

This portable power quality solution is designed for power consumers who have access to two or more independent MV power feeds; and can be re-deployed elsewhere as their network requirements change.

The Innova STS Mobile detects sags, swells, momentary and sustained interruptions, and automatically transfers the load to the alternate power feed in milliseconds—faster than other technologies. Providing the most cost effective solution with substantially lower upfront and lifecycle costs than UPS systems.

## Topologies

- Preferred / Alternate
- Split Bus

# Innova STS Mobile

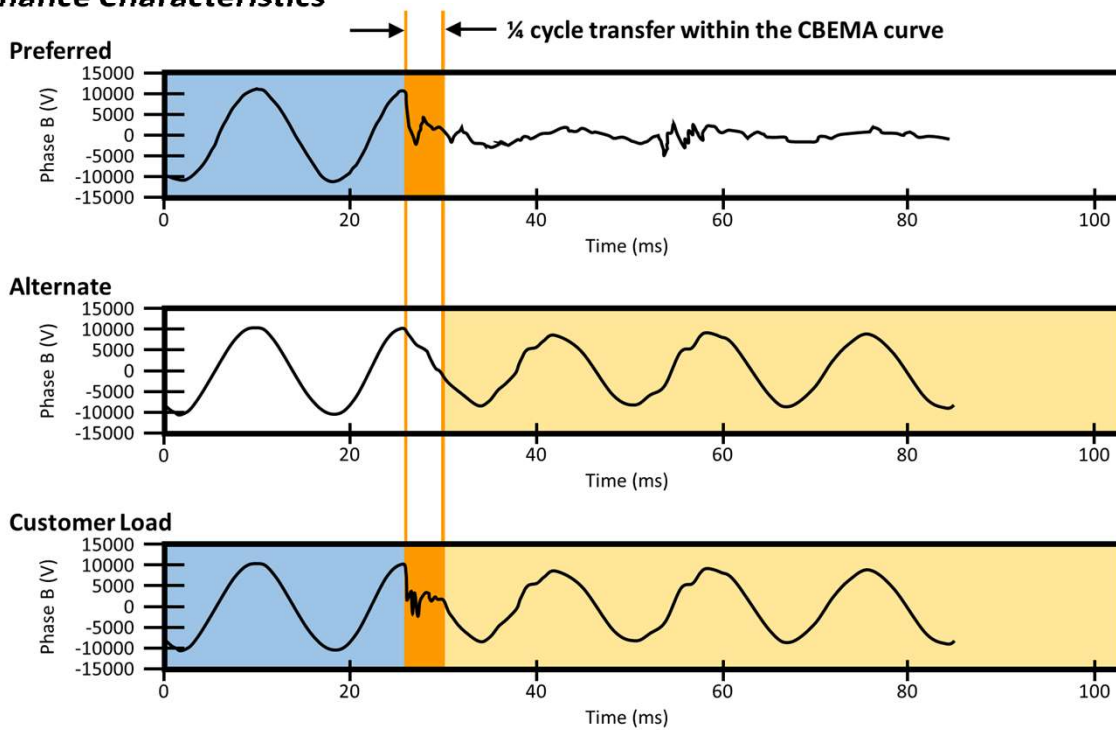
Sub-cycle Transfer Switch



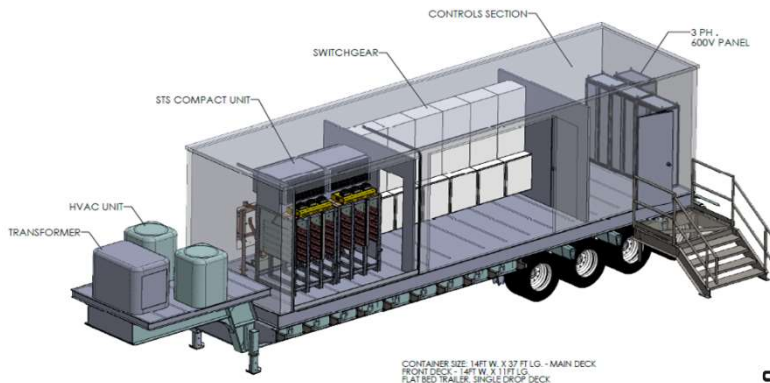
### Technical / Configuration Information

| Voltage Class | Voltage Withstand (Impulse BIL) | Continuous Current | Fault Current Withstand (X/R = 15) |              |
|---------------|---------------------------------|--------------------|------------------------------------|--------------|
|               |                                 |                    | Symmetrical                        | Asymmetrical |
| 15 kV Mobile  | 95 kV or 110 kV                 | 600A               | 18 kA                              | 45 kA        |

### Performance Characteristics



### Mobile Layout



CONTAINER SIZE: 14FT W. X 37 FT LG. - MAIN DECK  
FRONT DECK: 14FT W. X 11 FT LG.  
FLAT BED TRAILER, SINGLE DROP DECK



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