“Just last week we lost power for about 20 seconds at the training facility. If you were standing inside the data center, you’d never have known.”

- Joe Curbelo, director of infrastructure services for both Dolphin Stadium and the Miami Dolphins
output power factor of .90, the UPS lowers total cost of ownership by reducing the cost of power to support protected loads. Due to its high efficiency rating, the 9390 also produces less heat, which in turn lowers facility cooling costs.

“We do anticipate a reduction in power and cooling,” Curbelo confirms. “That was an attractive benefit.”

Furthermore, the 9390’s low total input harmonic current distortion (THD) of less than 4.5 percent enhances compatibility with upstream power systems—especially generators—while the unit’s input power factor of 0.99 minimizes auxiliary generator sizing requirements. This was another consideration for the Miami Dolphins and Dolphin Stadium, as both data centers are supported by generators.

Another feature of the 9390 that was a good fit with the organizations’ game plan is its expansion capability. “The units are currently operating at a low capacity, but down the road, we have plenty of room to grow,” Curbelo notes.

For even greater reliability and protection, the organizations are also taking advantage of eNotify Remote Monitoring, which offers 7x24, real-time enterprise monitoring and response to more than 35 UPS and battery alarms. The service also provides immediate notification of significant power quality events via phone, email or pager, remote troubleshooting and resolution of power problems; monthly status reports; and if necessary, dispatching of Eaton UPS service technicians to resolve problems.

Implementation
When it was time to deploy the four units, the small footprint of the 9390 scored big points with the Miami Dolphins organization, preserving valuable space within the data centers. With the unit’s flexible installation options—against walls, using top- or bottom-entry cabling—the installation was performed without a single fumble.

“Eaton’s service technician completed the startup of the units and worked very well with our electrical contractor,” Curbelo reports.

Result
Since taking the field, the 9390 UPSs have been performing as expected. “Just last week, we lost power for about 20 seconds at the training facility,” Curbelo recalls. “If you were standing inside the data center, you’d never have known.”

Since deploying the 9390 UPSs, Dolphin Stadium and the Miami Dolphins are enjoying a winning power protection record, with the ability to:
- Provide uninterrupted, clean power to both data center facilities
- Deliver added assurance and protection with a fully redundant solution
- Accommodate future growth with the ability to expand UPS capacity
- Reduce energy and cooling costs through the 9390’s best-in-class efficiency performance