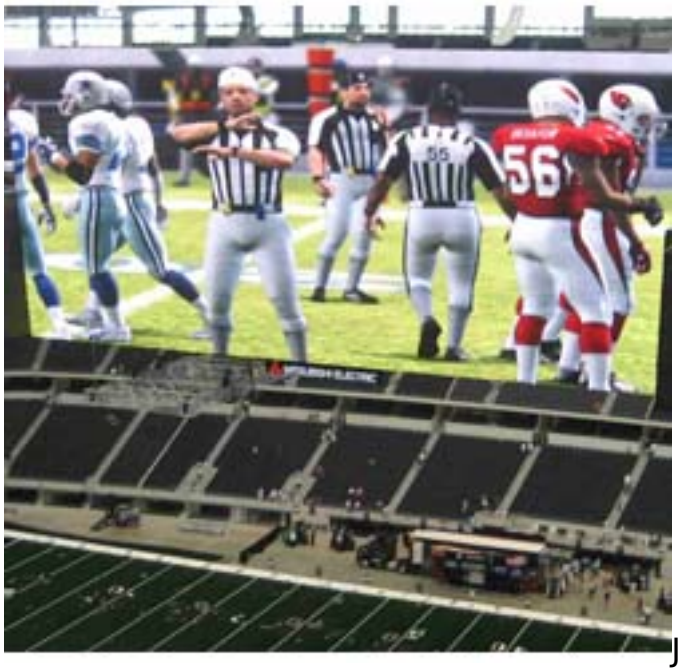
Cowboys Stadium Boasts World's Largest HDTVs



January 2010, San Diego, CA – TDK-Lambda: There has been a lot of TV coverage recently concerning the giant scoreboards at Cowboys Stadium in Arlington, Texas, home of the Dallas Cowboys. The $40 million dollar, four-sided, high-definition Diamond Vision video displays, which were built by Mitsubishi Electric, use 22,000 TDK-Lambda ZWS series power supplies to light the 25 million Light Emitting Diodes (LEDs) that create the dynamic images on the 1080p HDTV screens.

As part of the team’s move from their previous home in Irving, Texas, the recently opened $1.2 billion dollar stadium sports a retractable roof from which hang the world’s largest HDTV center boards. The four display panels, which together weigh 600 tons, are suspended 90 feet above midfield. The two main displays that face the sidelines are each 72 ft. tall by 160 ft. wide. And the two end-zone facing displays, that are located above the 20-yard lines at each end of stadium, measure 29 ft. tall by 51 ft. wide. These displays have just been recognized by the Guinness Book of Records as the World's Largest High Definition (HD) Video Screens.

Already Cowboys fans have watched their favorite players in a way that no fan has ever done so before. “For high profile installations such as these, Mitsubishi Electric wanted a highly reliable, quality product to power its LEDs,” said David Norton, Vice President of Marketing at TDK-Lambda Americas. “That‘s why they chose the ZWS power supplies from TDK-Lambda.”

Another record breaker, this time the highest-resolution baseball park Diamond Vision LED display, is located in New York’s Yankee Stadium. Here 8,590 TDK-Lambda ZWS series power supplies are used to power the 8.6 million LEDs used to render the brilliant 1080p images on the massive 59 ft. tall by 101 ft. wide screen.

“Like the Dallas Cowboys displays,” says Norton, “TDK-Lambda power supplies were selected for their long-term reliability and quality.”

The ZWS series of AC-DC power supplies are available with output voltages from 3.3V to 48VDC and power ratings from 5W to 240W (480W peak). Prices for these power supplies range from $15.00 to $115.00 each in 500 piece quantities. More information about the ZWS power supplies, including detailed specifications, can be obtained at the following TDK-Lambda website: http://www.us.tdk-lambda.com/lp/products/zws-series.htm [1]

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