**Trystar Simplifies Powering 1,500 RVs at Stage Coach Country Music Festival**

# **Situation**

Headquartered in Memphis, Tennessee, CES Power is the leading power provider to the entertainment industry. It specializes in providing turnkey product and service solutions that ensure flawless events. Some of these events include concerts, music festivals, and sporting matches. CES also supports location shoots for the film industry.

CES practices redundancy by deploying generators, uninterruptible power sources (UPS), and grid power to ensure continuous power for an event or cinematography. Many event locations are outdoors, where access to grid power is unavailable or impractical. Power must be reliable, and downtime is not an option when event organizers host as many as 250,000 attendees.

One of the events supported by CES is an outdoor country music festival: the Stage Coach Music Festival. Acts include folk music, mainstream country, bluegrass, roots rock, Americana, and alternative country. It is the highest-grossing country music festival in the world and attracts as many as 1,500 RV attendees. Powering the event is significant challenge, as is providing power to this many RVs in the dedicated RV camping area. Some of the RVs require 30 amps, and others 50 amps.

CES used to supply hundreds of 60-amp power distribution panels (with multiple outlets) to accommodate the RVs, which covered an area equal to seven polo fields. CES also supplied numerous adaptors and extra cables because it didn't know how many RVs would need 30- or 50-amp service.

To reduce confusion and to be in a position to supply immediate power to the RVs, festival organizers attempted to designate two different parking areas: one for RVs requiring 30-amp hookups and another for 50-amp hookups. Too often, RVs would go to the wrong location and park, requiring organizers to scramble for the correct adapters, change out power panels, and swap cables. Getting all the RV guests plugged into the right lines could take up to three days. With the increase in festival attendance each year, labor and equipment costs escalated as staff attempted to overcome the RV power challenges. To help alleviate guest inconvenience, confusion, and escalating costs, CES turned to Trystar for a potential solution.

**Solution**

Trystar customized a unique power distribution panel to accommodate RVs with different amperage requirements. It featured 10 connectors overall. Each end of the panel featured two 30-amp and two 50-amp connections. The fifth connection offered an L21-30, 208-volt connection that could be run to a stringer box and stepped down for 110-volt use.

**Result**

By having a power distribution panel with 30-amp and 50-amp connectors on both sides, the power requirements of the RV didn't matter. One panel served both needs. This customized application reduced parking confusion and guest inconvenience. It also significantly reduced time and labor costs — and the need for numerous adaptors and extra cables. Rather than taking up to three days to supply all the RVs with the correct power connections, it took one day. Guests expecting immediate power availability for their RVs were satisfied, making their visit much more pleasant.