



Listing Constructional Data Report (CDR)

| 1.0 Reference and Address | | | | | |
|---------------------------|--|------------------|--|----------|------|
| Report Number | 100598144LAX-002 | Original Issued: | 28-Dec-2011 | Revised: | None |
| Standard(s) | FM 3600, Nov 1998, "Electric Equipment for use in Hazardous (Classified) Locations General Requirements FM 3611, Dec 2004, "Nonincendive Electrical Equipment for Use in Class I and II, Divisions 1 and 2, Hazardous (Classified) Locations" CAN/CSA C22.2 No. 213-M1987, 1st Edition, Reaffirmed 2004, "Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations" | | | | |
| Applicant | Ameresco Solar | Manufacturer | Hui Da Electronics Manufactory | | |
| Address | 202 South Live Oak, Suite B Tomball, TX 77375 | Address | Changping First Industrial Zone, East Industrial Park, Changping Town, Dongguan, Guangdong | | |
| Country | USA | Country | China | | |
| Contact | Mr. Colin Gates | Contact | Aaron Lee | | |
| Phone | (281) 378-2313 | Phone | 86 769 83024122 | | |
| FAX | (281)-351-8356 | FAX | 87 769 83024121 | | |
| Email | cgates@ameresco.com | Email | alee@starpower.com.hk | | |

| 2.0 Product Description | |
|-------------------------|---|
| Product | Solar panels for use in a Class I, Division 2, Group A, B, C, D Hazardous (Classified) Location. |
| Brand name | NA |
| Description | The products covered by this report are families of PV (Photo Voltaic) panels for use in a Hazardous Location. |
| Models | <p>Model Family abJ where: a (Solar Cell Type) = 3, or 4 b (Output Power Watts) = 10, 20, 30, 40, 50, 65, 85, 115, 125, 130, 140, 170, 180, 185, 190, 195, or 200.</p> <p>Model Family abM where: a (Solar Cell Type) = 3, or 4 b (Output Power Watts) = 5, 10, or 20.</p> <p>485JT-C (exclusively marketed to Telstra)</p> |
| Model Similarity | The panels all share the same basic construction, but differ in size and power output, which is determined by total surface area. The panels may be configured for either 6 VDC or 12 VDC output. |
| Ratings | Temperature Code: T3C, Ta = 60° for all models except for models: 185, 190 and 195 which have Ta = 40°C |
| Other Ratings | NA |