



# 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		
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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