

Delaware Department of Transportation
QUESTIONS AND ANSWERS
DOT1304 SOLAR_SYSTEM
SOLAR POWERED ELECTRICAL SYSTEM
Thursday, March 14, 2013

Q #	Question	Answer
7	They say they want 12 inches of room to mount their ITS equipment, can they define the 12" is that 12 long or 12 square inches or 12 cubic inches? If it is 12" long what is the width and depth?	12" of open rack space is required above the ITS field components.
6	What type of Nema3 receptacle do they require on the side of the enclosure? If they are not sure can they at least take a photo of the plug that they plan on plugging in to the enclosure?	A receptacle within the cabinet shall be supplied to power field laptops (NEMA 5-15R receptacle)

Thursday, March 07, 2013

5	The reference the desire to use a 50 amp AC battery charger, do they want the battery charge built into the solar solution so all they would do is roll up and plug in a AC power source or do they want an AC receptacle in the side of the enclosure that they will plug the vehicle mounted 50 amp Battery charger into?	The solution should be all self-contained.
4	Is this an extension of sensor project or is this something different?	The systems are proposed to provide power to a variety of ITS applications capable of utilizing industry standard solar power (i.e., detection systems, traveler signage systems).
3	Can you provide the actual wattage of the panels?	The minimum required wattage of the panels is 150W.
2	Can you give us anticipated loads so we can verify correct sizes of solar panels and batteries?	Anticipated loads will be provided on a project-by-project basis by The Department as per the deployed system for respective projects.
1	What is the application- what are you proposing to power with these units?	The systems are proposed to provide power to a variety of ITS applications capable of utilizing industry standard solar power (i.e., detection systems, traveler signage systems).