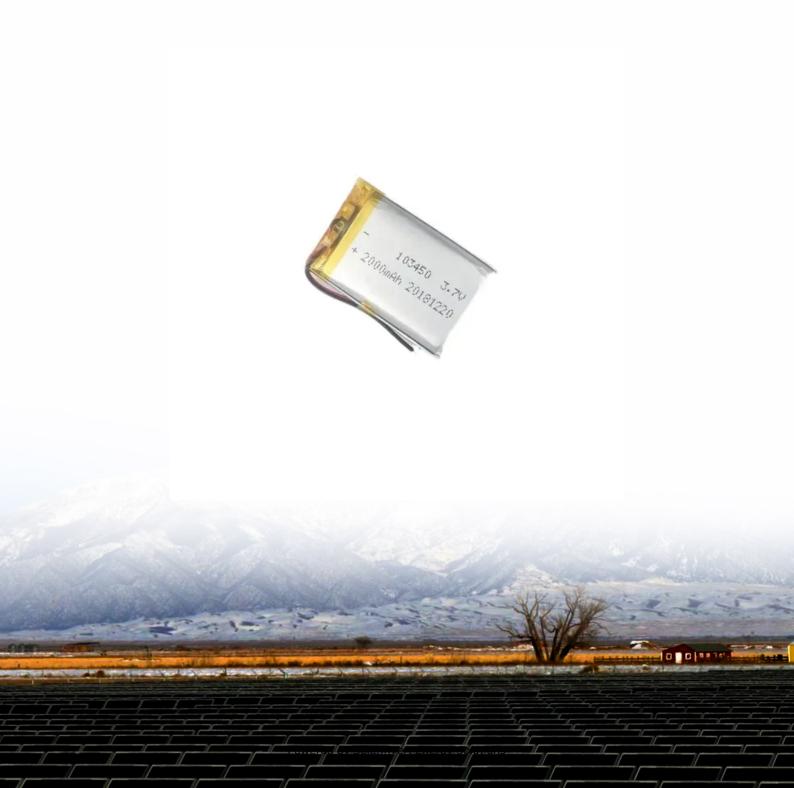


SolarInvert Energy Solutions

Design of power supply system for base station in Nepal





Overview

What causes blackout of power supply in Kathmandu?

of power supply in wide area in Kathmandu. For thetransformers in Patan S/being overloaded, any failure of one bank among the two will also causeblackout hase-3), (the Project) includes the construction of K3 S/S, and is recommended in the wer Transmission and Distribution System in Kathmandu Valley in Nepal (1991, JCA). The Project.

Which works are required by Nepalese side?

gation of Recipient Country2.3.1 Works to be executed by Nepalese SideIn this Project, the following works are the obligation of Nepalese side.(1) 11 kV distribution lineThe able laying and connection work from 11 kV cubicles at the K3 S/S to the existing 11 kV distribution lines is obligation of Nepalese sid.

What causes power failure of wide area in Kath NDU?

of the 11 kV transmission lines from the Patan S/S to the K2 SW/S, or the Lainchaur S/S to the K2 SW/S have a fault, it causes the power failure of wide area in Kath ndu. The existing 11 kV underground transmissi lines from the Lainchaur S/S to the K2 SW/S have a very limited transmission capacity because of its system voltage, etc.

How is excess load conveyed to Transformers of other substatio in Kathmandu?

uch arrangement is made that the excess load over 100% of the rating is conveyed to transformers of other substatio in central Kathmandu. Countermeasures Two banks of the new transformers with due capacity stated in Subclause 2.2.1.1, point.

Which country is a third country nSport - Nepal (Kathmandu)?

nsport - Nepal (Kathmandu)The third country procurement is made from European Un n (EU), and then ocean transport would be done from EU to India



(Calcutta) in this case. Custom clearance of Nepal side is made at Birgunj boundary between Nepal and India. Inland transportation is made during dry season (Octobe.

Who is responsible for customs & import duties in Nepal?

DutyAny customs and import duties are to be borne by Nepalese side, except "Take back deposit", which shall be depos eturnable goods. In case any formalities by HMG/N are required for importing, those works are to be done by Nepalese side immediately.(4) Taking



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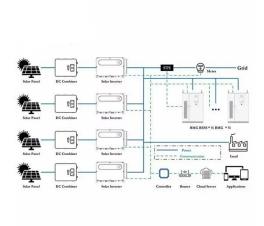
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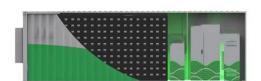


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