

Introduction of New Package Solution

Suntech has always been keen on improving its products and services to meet our customers' requirements. Recently we have successfully developed and implemented new package solutions to deliver Suntech Ac modules; and now the new solution for Ub modules have been tested in the market and recognized by most of our partners. The formal application of this new solution will start from June, 2008. This document is to introduce this new Ub package solution with a number of photos and data.

1. Overview of New Ub Package

Dimension: Length (L): 1580mm; Width (W): 1120mm; Height (H): 1200mm, as shown in following pictures.



Number of Modules in A Carton Box: 26 PCS

Gross Weight: 460-500Kg (full with Ub modules).

Stack in Warehouse: Two carton boxes can stack one on another.

Information on A New Package: bar codes of all modules in the carton box; type and name of modules, Suntech logo, etc.

Pallet of the Package: wooden pallet (with fumigation certification if required).

2. Packing Process of Ub Modules in the New Package

Ub modules are vertically inserted into the carton box as shown in following pictures. There are cardboard buffer between modules to avoid friction between adjacent modules. All modules are placed with glass side towards the inner side of the carton box. On the up side of the frame, there are a barcode/ serial number sticker and a current classification sticker (if applicable), so that customer can scan the module without lifting the modules from the box. After all modules are put into the carton box, three pieces of cardboard buffer board are inserted in between the frames of modules before a cover is put onto the box. The carton box is firmly bounded by plastic foil with the fumigated wooden pallet at the bottom.



3. Loading Carton Box with Pallets into 40 Foot High Cubic Container



The width of a carton box is nearly half of the width of a 40 foot high cubic container, which enables two lines of carton boxes to be packed in a container, and prevents possible inclination of carton box during shipment.

One **40 foot high cubic container** is suitable for loading 28 carton boxes with 728 pieces of modules to a maximum extent.

4. Advantages of New Ub Package

- 1) More modules can be loaded and shipped in a container (728 pieces now compared with 504 pieces with the old package solution). Therefore, the shipment cost can be significantly reduced.
- 2) Less package material are used, implying that the new package is more environment friendly.
- 3) The package with large carton box are more stable during transportation.
- 4) Less storage space will be used in manufactures', distributors' and buyers' warehouses. Therefore the storage costs can be reduced.