



MODEL: AP-160

PRELIMINARY SPECIFICATIONS

Module Specifications	
P _{max} (W)	160W
V _{pmax} (V)	34.4V
I _{pmax} (A)	4.65A
V _{oc} (V)	43.2V
I _{sc} (A)	5A
Dims (mm)	1580Lx808Wx35W
Tolerance	+/- 5%



MODULE FEATURES:

20 Year / 80% Warrantee.

Heavy Industrial Frame.

Compact Package - High Efficiency > 14%.

Mounting Holes are positioned the same as STP-160s.

MODULE DESCRIPTION:

The Alps AP-BD160 module features poly-crystalline photovoltaic cell technology. The 72 (5" x 5") square solar cells are encapsulated beneath high transmission tempered glass using an advanced, UV resistant thermal setting plastic. The encapsulant ethylene vinyl acetate (EVA) cushions the solar cells within the laminate and ensures the operating characteristics of the solar cells under virtually any climatic conditions. The rear surface of the module is completely sealed from moisture and mechanical damage by a continuous high strength polymer sheet. The glass/tedlar construction of the module minimizes weight while providing a durable, protective environment for the solar cells. The Alps AP-BD160 is available as a complete module or a laminate.