

1200W 20A DC Converter Boost Power Supply Module

Input current: 20A(MAX), if over 15A please add 12V fan for cooling (the input voltage is 12-24V when adding cooling fan, the input current can be up to 25A)

Quiescent current: 15mA (when 12V up to 20V, the higher output voltage, the Quiescent current will increase)

Output voltage: 12-83V continuously adjustable (The default output is 19V for shipment, if need other voltage value, please specify.)

Output Current: 20A MAX. Over 15A, please enhance heat dissipation (input pressure is related to output pressure, the greater the differential pressure the smaller the output current)

Constant Range: 0.5-20A

Low battery protection: Yes (9-50V can be adjust)

Operating temperature: -40~+85 degree (When environment temperature too high, please enhance cooling fan)

Operating frequency: 150KHZ

Transfer efficiency: 92%-97% (efficiency is related to input voltage, output voltage, current and differential pressure.)

Over-current protection: Yes (with reduced flow adjustment, adjustable output current limit, current exceeds the current limit, the output current is automatically reduced to a minimum 5A, vary according to the nature of the load current will be.)

Short circuit protection: Yes (input 20A fuse) double short circuit protection, the use of more security.

Input reverse polarity protection: None, (if necessary, please enter the string into the diode)

Output Counter filling: Yes, for charging plus blocking diode is not required.

Output power:

Input voltage*20A, For example:

Input 12V*20A=240W (The max power is 240W when input 12V)

Input 24V*20A=480W (The max power is 480W when input 24V)

Input 36V*20A=720W (The max power is 720W when input 36V)

Mounting: four 3mm screws

Connection: connection terminal (please use heavy gauge wire for high current)

Module dimensions: 135x52x50mm

Weight: 300 g

