

# 300W 20A DC-DC Buck Converter Step Down Module Constant Current LED Driver Power Step Down Voltage Module Electrolytic Capacitor



## Features:

With a wide input voltage range from 6V to 40V, the step-down converter can accurately adjust output voltage and current.

The efficiency can be up to 96%, measured at 20A, converting 24V to 12V.

It is designed with 75V/80A large current dual MOS tube.

Input and output use high frequency low resistance electrolytic capacitor, low ripple, stable output.

Wiring is convenient with these large current 30A screw terminals.

The buck module has 2 heat sink that could enhance heat dissipation.

When there is a big difference between input and output voltage, please decrease power and current.

## Specifications:

Input Voltage: 6V to 40V DC(10V to 40V is suggested)

Output Voltage: 1.2V to 36V DC

Output Current: 20A(max.), 15A(suggested)

Efficiency: 95%(24V to 12V, 20A)

Output Ripple:  $\leq 50\text{mV}$

Wiring Method: Terminal

Short Circuit Protection: Self-recovery(cannot short circuit for long time)

Size: 60 x 53 x 27mm / 2.36 x 2.08 x 1.06"

VO+: Output positive

VO-: Output negative

+IN: Input positive

-IN: Input negative

CV: Output voltage adjustment

CC: Output current adjustment