


Voltage Booster

ST-HB105-TTQ 500mA, Output Voltage 12 or 24VDC

Boosts low voltage DC to compensate for voltage drops over long cable runs (7~12VDC for 12VDC, 12~24VDC for 24VDC).



Features:

- ▶ Selectable 12 or 24VDC output via jumper.
- ▶ Regulated and filtered output.
- ▶ 500mA maximum output current.
- ▶ Dual-colored LED power output indicator:
 - Red: 12VDC
 - Blue: 24VDC
- ▶ Green power input LED indicator.
- ▶ Small size for easy installation.
- ▶ Includes a 6" pigtail connector: 

A typical application would require running 12VDC to a camera located 300' from the power source. The maximum wiring distance for 12VDC@250mA would normally be 90 feet. After 90 feet the voltage will start to drop below 12VDC. Installing the ST-HB105-TTQ at the camera end of long wiring runs can greatly increase the maximum wiring distance.

Specifications:

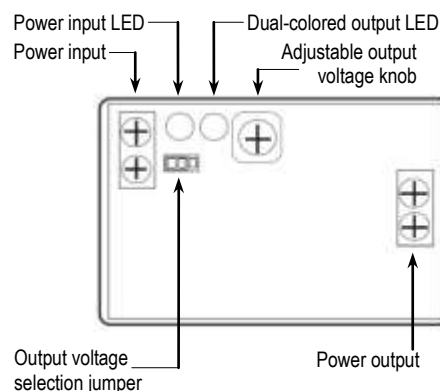
	ST-HB105-TTQ
Output voltage	12 or 24VDC, selectable by jumper
Input voltage	7~12VDC for 12VDC
	12~24VDC for 24VDC
Max. output current	500mA*
Current protection	PTC (positive temperature coefficient)
Connectors	Terminal blocks
Overload protection	Built-in
Short-circuit protection	Built-in
Dimensions	2 1/2" x 2" x 3/4" (64 x 50 x 19 mm)

* The ENFORCER Voltage Booster's efficiency rate is 85%.

Adjustable Output Voltage:

Input Voltage	Output Voltage	Adjustable Voltage range
7~12VDC	12VDC	12.2~13.5VDC
12~24VDC	24VDC	23.0~25.2VDC

Wiring Diagram:



LED Indicators:

LED colors	Status
Green	Input power is connected
Red	Output voltage is 12VDC
Blue	Output voltage is 24VDC