

Model : DC-DC24/48/600
600W, 24V to 48V Step Up DC/DC Converters

Using Boost Converter Topology, and programmable single direction or bi-directional current, these products can be used as current regulators or voltage regulators or current limiters or voltage limiters. Applications are Battery Chargers, Lamp Regulators, UPS Power Supplies, and Fuel Cell Converters.



	DCDC24/48/600	Units	
Operating Temperature Range:	-10 to +60	degrees Centigrade	
Efficiency:	97	%	
Recommended Input Voltage:	20-30	Volts	
Standby Current - No Load at 24V in	125	mA	
Input Current is internally limited to:	29	Amps	
Input Fuse:	external(50)	Amps	
Output Voltage:	43 to 53	Volts (Adjustable)	
Output Power:	600 (note 1)	Watts	
Output Current:	12.5 (note 2)	Amps	
Output Fuse:	15	Amps	
Output Ripple, max:	0.25	Volts, RMS	
Switching Frequency:	54	Khz	
Model Number:	DCDC24/48/600		

(note 1). The output power, depends on the input voltage. 494W at 20Vin, 741W at 30V in.

(note 2). The output current, depends on the input voltage, and the output voltage.

Determine the output power from (note 1), then calculate output current.

(note 3). Prices can change without notice.