

Pulse Driver Specifications

Features:

- AC 220V input
- Built-in 12V/0.2A auxiliary power supply
- Efficiency up to 85%
- Protection type: open circuit/overload/over current/over temperature
- Built-in DC fan for forced air cooling
- The output current is continuously adjustable, and the voltage is adaptive
- Current rising edge $\leq 3\text{ms}$
- Current falling edge $\leq 2\text{ms}$

Description:

AC-DC rectifier 50-24, used in semiconductor lasers, the power output is a controllable pulse current with fast rising and falling characteristics. Load $\leq 50\%$

Data		50-24	300mm X 156mm X 65mm
Output	Output current	50A	
	Rated voltage	24V	
	Current range	10A-50A	Load: $\leq 50\%$
	voltage range	$\leq 20\text{V}$	
	Current accuracy	$\pm 2\%$	
	Load Regulation	$\pm 2\%$	
	current rise time	$\leq 3\text{mS}$	
	Current fall time	$\leq 2\text{mS}$	
Input	voltage range	220VAC $\pm 10\%$	
	Frequency Range	47~63Hz	
	Input Current	7A@220VAC Load: 50A-24V	
	Boot pulse current	15A@220VAC	
	efficiency	80%	
Protection	Over voltage	25V	
		Protected Mode: Turn off output, restore after reboot	
	Over current	51A	
		Protected Mode: Turn off output, restore after reboot	
over temperature	65°C $\pm 5^\circ\text{C}$		
	Protection mode: turn off the output, automatically recover after the temperature drops		
environment	Operating temperature	At normal temperature	
	Working humidity	20-90% no condensation	
	storage temperature, humidity	-40~85°C, 10~95%RH	