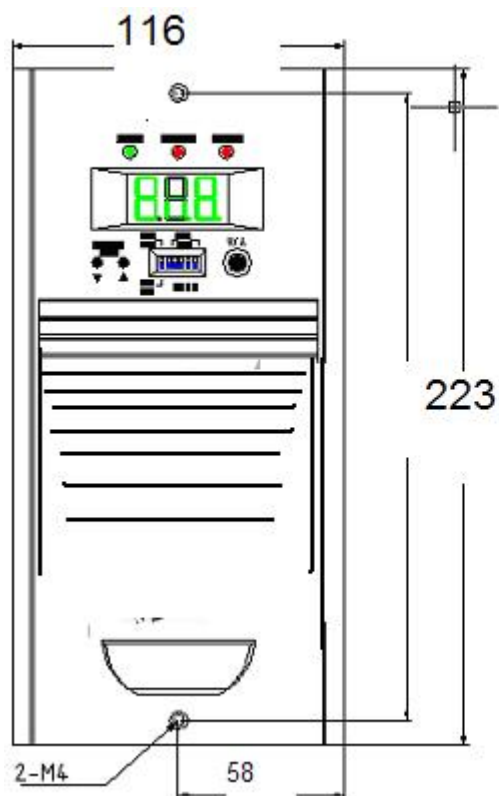
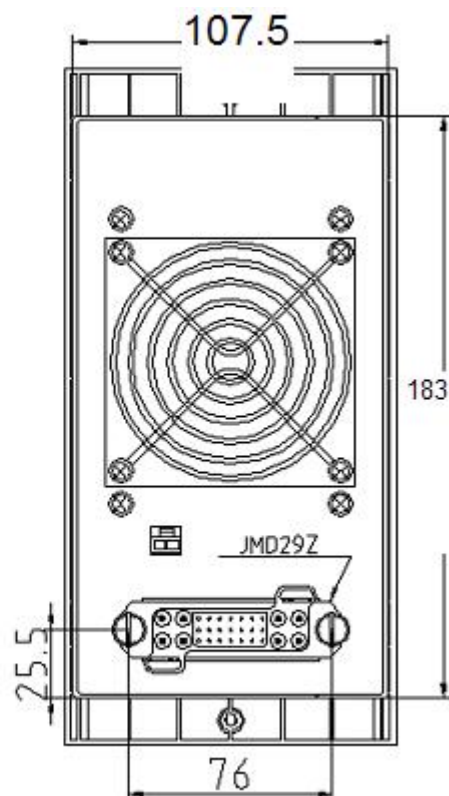


module project		HA48D60-220AF
rated output current(A)		60
power (KW)		3
weight(kg)		10.5
cooling method		fan cooling
heat sink temperature rise		$\leq 20^{\circ}\text{C}$
rang of input AC (VAC)	min	190
	Typical value	220
	max	280
rang of the output voltage (VDC)	min	42
	Typical value	48
	max	58
stable voltage accuracy:		$\pm 0.5\%$
stable current accuracy:		$\pm 1\%$
Power factor		0.99
thd		$\geq 5\%$
Efficiency		$\geq 92\%$
noise (dB)		50
Storage temperature ($^{\circ}\text{C}$)	min	-40
	Typical value	25
	max	70
working temperature ($^{\circ}\text{C}$)	min	-10
	Typical value	25
	max	55
And machine uneven fluidity		$\leq \pm 3\%$
time delay of start-up (s)		3~8
Wave factor		$\leq 0.2\%$
Load		100% rated output current
stepless current limiting techonoly		The output current cannot increase infinitely. The maximum value of the output current of each module is limited to the rated output current
Output overvoltage protection function		After output overvoltage occurs($61 \pm 3\text{VDC}$), the module locks up automatically
output short circuit protection		When output short circuit, the module draws the output voltage to 0 immediately
Note: The constant voltage precision does not contain the built-in isolating diode's influence。		

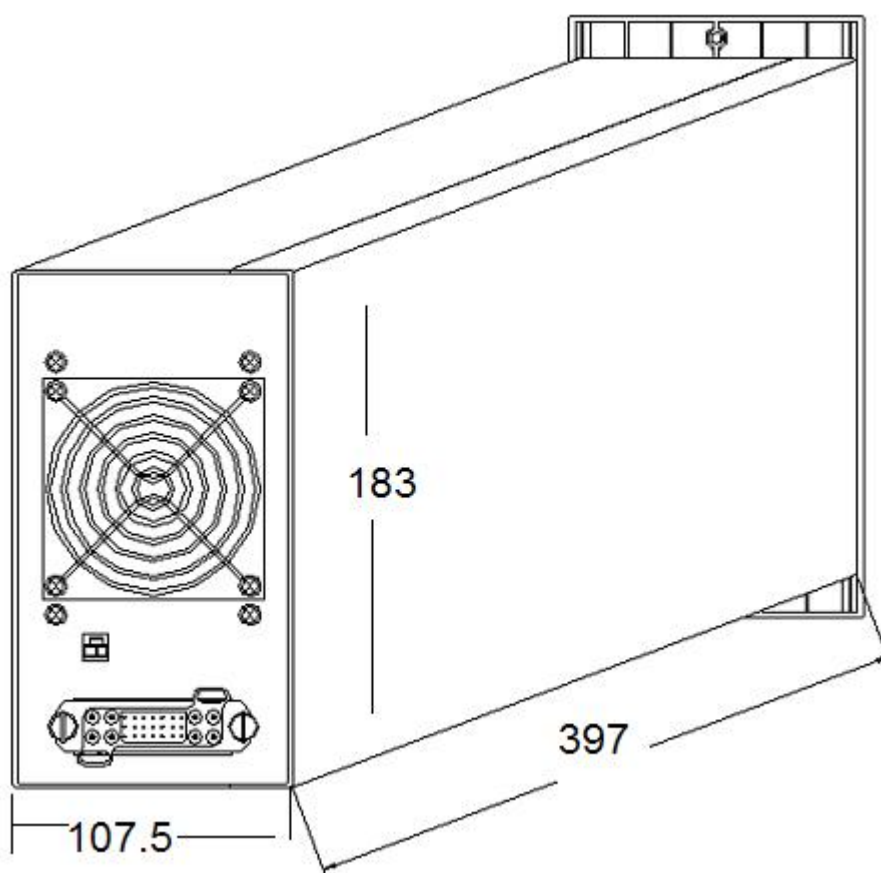
HA48D60-220AF fan cooling module dimension sketch map:



sketch map of the front panel of the module



sketch map of the back of the module



outline drawing of the module