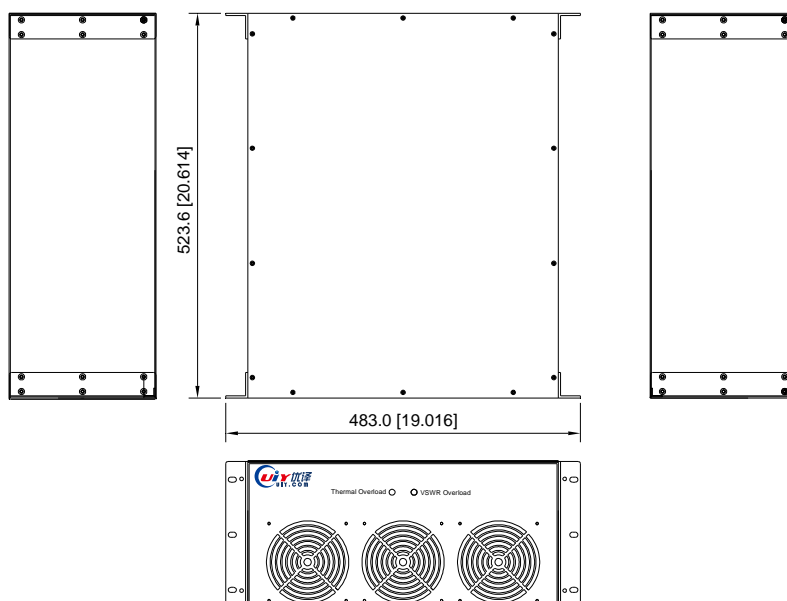
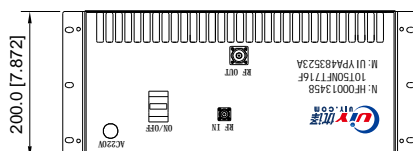


10 to 50MHz – 2500W Power Amplifier
UIYPA483523A10T50NFT716F

RF Characteristics @T=25°C, VDD=+220VAC; 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	10		50	MHz
Power Output CW	Po	2000	2500	3000	W
Power @1dB	P1dB		2000		W
Input Power	Pin		-3	0	dBm
Power Gain @CW	G	63	65	66	dB
Gain Flatness	△G		±1.5	±2.0	dB
Input VSWR	S11/S22		1.5:1		
Odd Harmonics @CW	H	-11	-13		dBc
Even Harmonics @CW	H	-15	-20		dBc
Spurious Signals	Spur		-60		dBc
Operating Voltage	AC		220		Volt
Operating Temperature	Tc	-20		+60	°C
Storage Temperature	Tstg	-40		+85	°C
Thermal Overload	85°C				
VSWR Overload	3:1				
Connector Type	N Female to 7/16 Female				

Mechanical Drawing



Unit: mm/ inch, General part tolerance is $\pm 2\%$ unless otherwise stated.

Ver. 5

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