

Model TUHS25F24

Item Switching Frequency

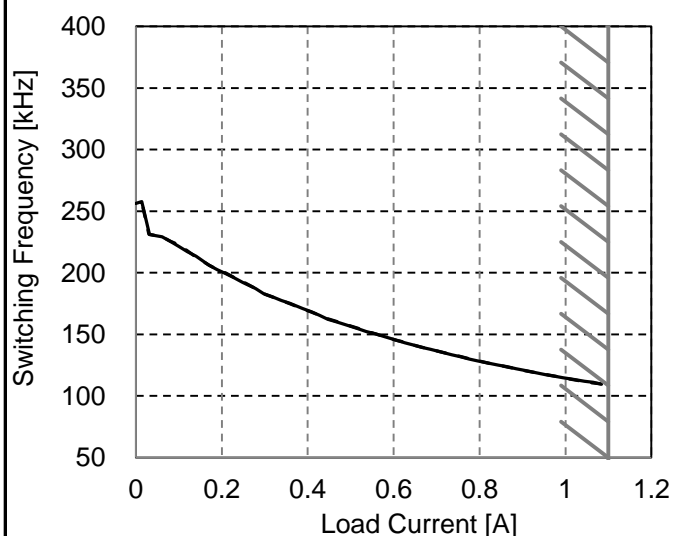
Temperature 25°C
Testing Circuitry Figure A

Object

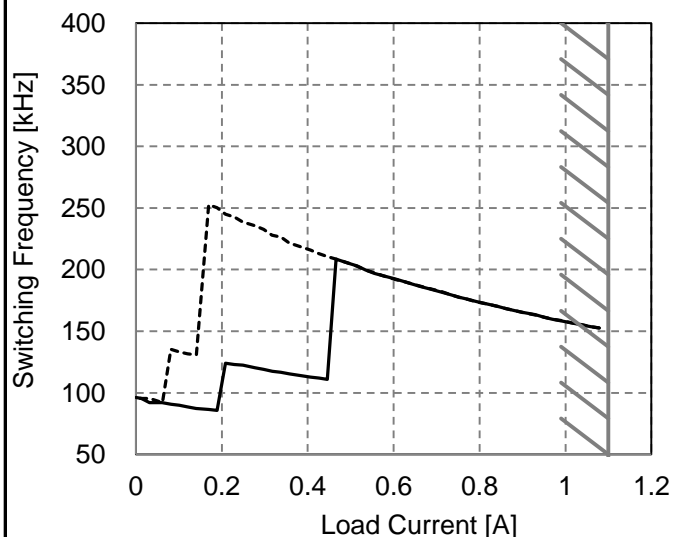
1. Graph

———— Load Increase
----- Load Decrease

Input Voltage : AC100V



Input Voltage : AC200V



2. Values

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	256	256
0.11	221	223
0.22	199	200
0.33	180	180
0.44	165	165
0.55	152	153
0.66	141	141
0.77	132	132
0.88	124	123
0.99	116	116
1.10	110	110

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	96	96
0.11	90	133
0.22	124	245
0.33	118	228
0.44	112	213
0.55	200	200
0.66	188	188
0.77	178	178
0.88	168	168
0.99	158	160
1.10	153	153

-Switching frequency of TUHS changes depending on load current and input voltage.
When load current is low, switching frequency becomes high and step down to low frequency at certain point.
There is hysteresis, so characteristic is different between load increase (sweep from 0% to 100%) and load decrease (sweep from 100% to 0%).

-When load current is low, TUHS operates intermittently, so switching frequency would not become constant.