

Model

TUHS25F12

Item

Switching Frequency

Temperature 25°C

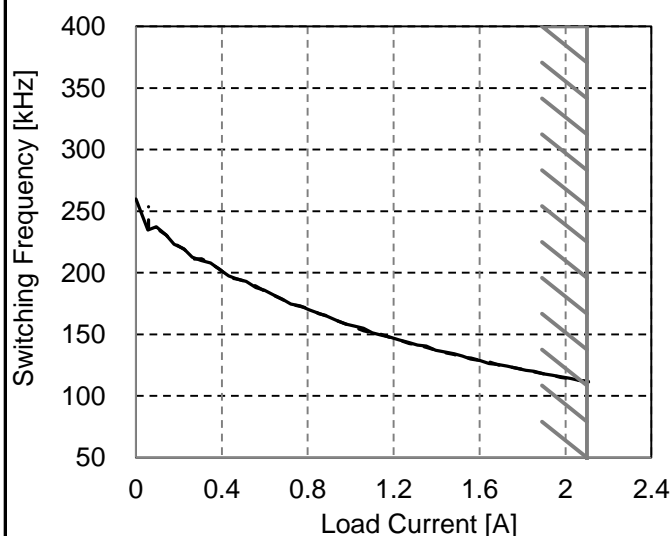
Testing Circuitry Figure A

Object

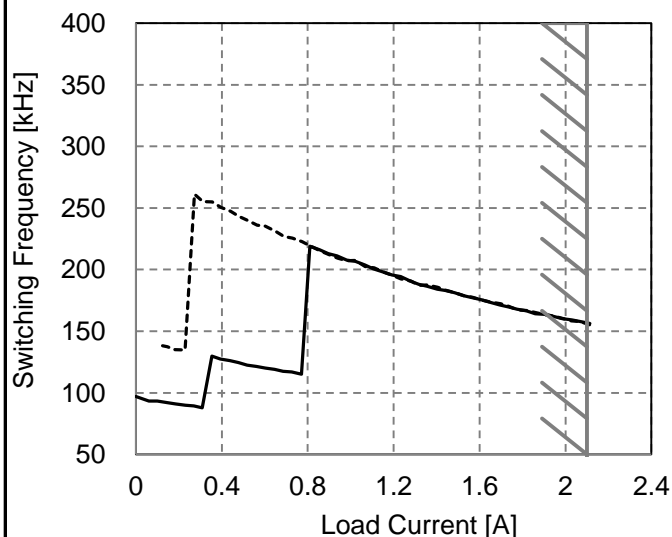
1. Graph

—— 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	260	254
0.21	223	223
0.42	203	203
0.63	186	185
0.84	170	171
1.05	157	156
1.26	146	145
1.47	136	135
1.68	126	128
1.89	120	120
2.10	113	113

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	97	-
0.21	91	135
0.42	128	251
0.63	120	235
0.84	219	219
1.05	207	208
1.26	194	193
1.47	183	183
1.68	173	174
1.89	164	165
2.10	158	158

-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. Therefore it is shown as "-" in the table.