

Model

TUHS10F05

Item

Switching Frequency

Temperature

25°C

Testing Circuitry

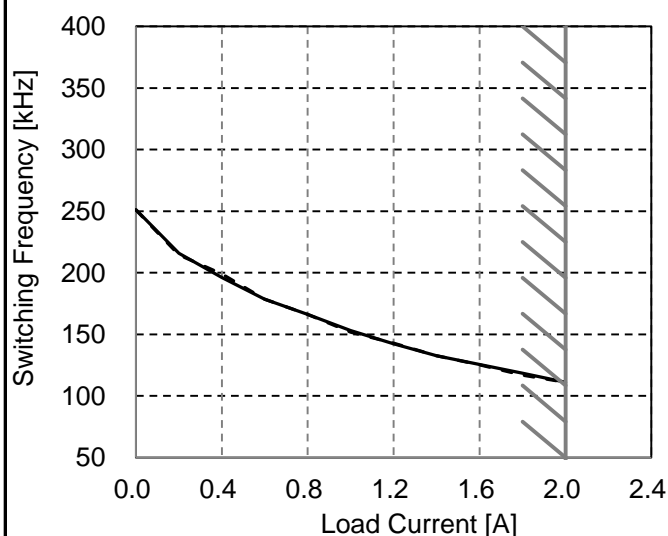
Figure A

Object

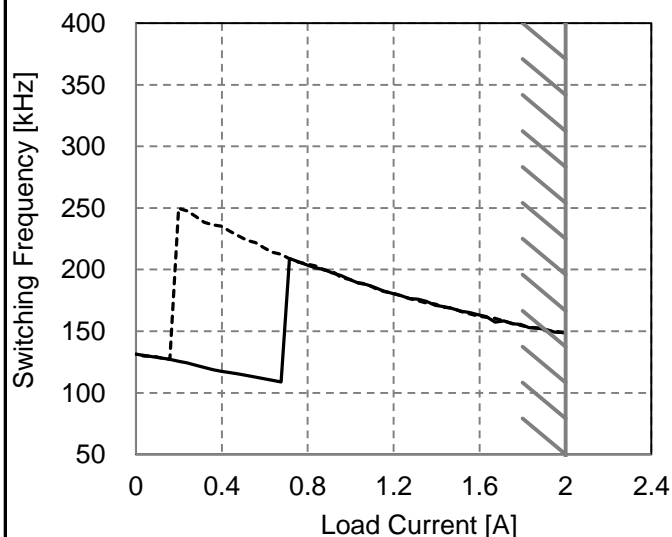
### 1. Graph

—— 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	251	251
0.20	216	215
0.40	196	199
0.60	179	179
0.80	166	166
1.00	153	152
1.20	142	143
1.40	133	133
1.60	125	125
1.80	119	117
2.00	111	111

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	131	131
0.20	126	250
0.40	118	235
0.60	111	218
0.80	204	205
1.00	192	192
1.20	181	181
1.40	171	172
1.60	163	162
1.80	155	155
2.00	149	149

-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.