

Model TUHS10F15

Item Switching Frequency

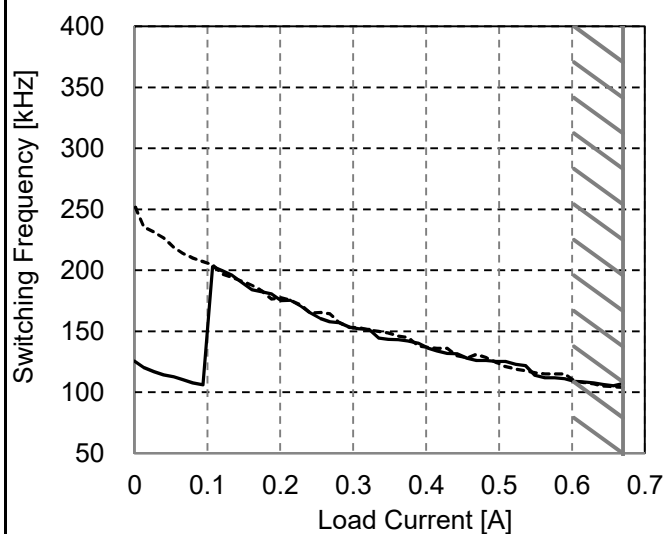
Temperature 25°C  
Testing Circuitry Figure A

Object

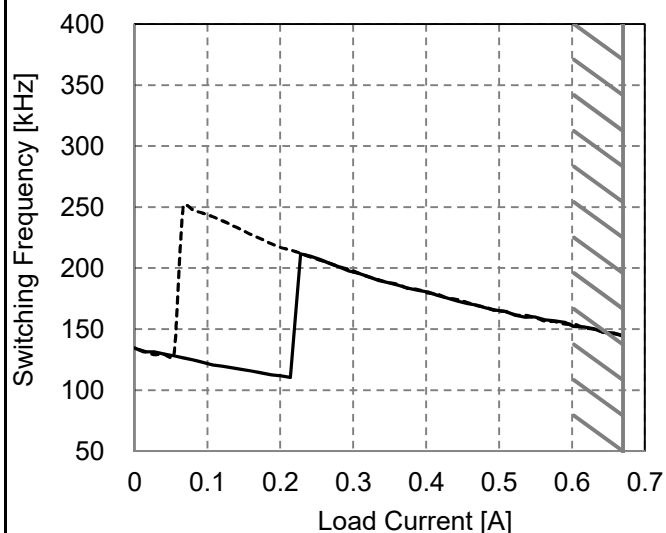
### 1. Graph

—— 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	125	254
0.07	110	214
0.13	196	194
0.20	175	177
0.27	158	164
0.34	144	150
0.40	136	137
0.47	126	131
0.54	122	118
0.60	109	109
0.67	107	104

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	135	135
0.07	126	251
0.13	118	235
0.20	112	217
0.27	204	204
0.34	190	190
0.40	180	180
0.47	170	169
0.54	160	161
0.60	152	154
0.67	144	146

-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.