

Model TUHS25F15

Item Switching Frequency

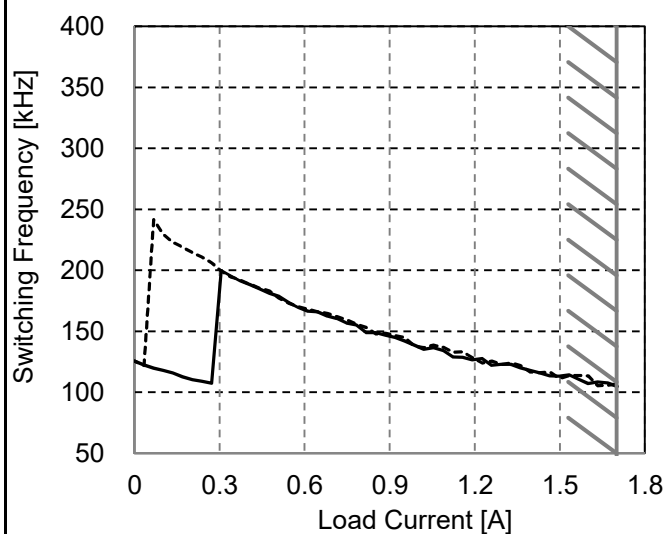
Temperature 25°C
Testing Circuitry Figure A

Object

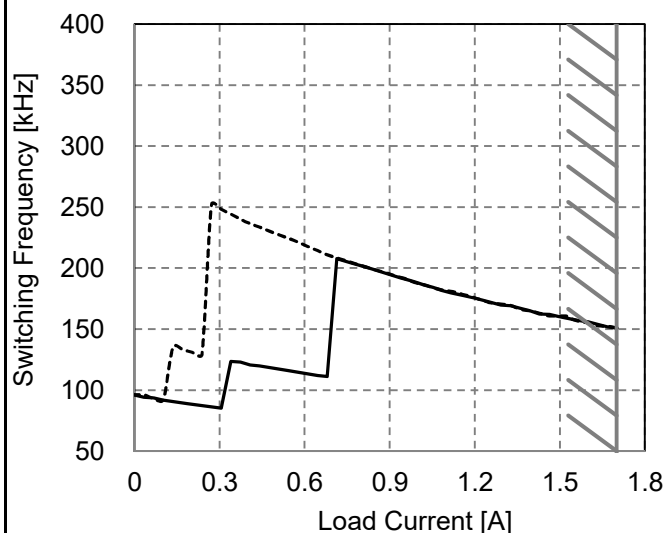
1. Graph

— 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	126
0.17	116	223
0.34	200	199
0.51	178	177
0.68	166	166
0.85	149	153
1.02	139	138
1.19	129	133
1.36	123	124
1.53	113	111
1.70	108	107

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	96	96
0.17	91	135
0.34	85	248
0.51	117	227
0.68	112	214
0.85	201	201
1.02	189	188
1.19	178	178
1.36	169	169
1.53	160	161
1.70	152	151

-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.