

Model

TUHS25F05

Item

Switching Frequency

Temperature

25°C

Testing Circuitry

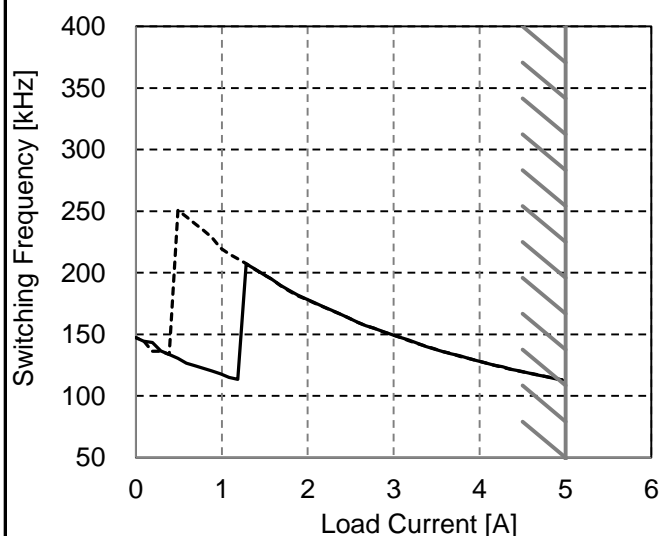
Figure A

Object

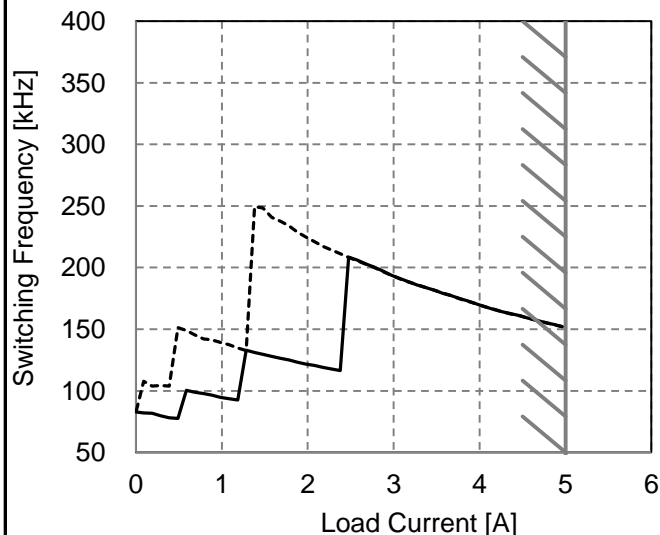
1. Graph

—— 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	147	147
0.50	131	251
1.00	118	220
1.50	199	199
2.00	179	178
2.50	163	163
3.00	150	150
3.50	138	138
4.00	129	129
4.50	120	120
5.00	113	113

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	83	83
0.50	77	151
1.00	95	139
1.50	130	248
2.00	122	225
2.50	209	208
3.00	194	194
3.50	182	182
4.00	171	170
4.50	161	161
5.00	152	152

-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.