

Model TUHS15F15

Item Switching Frequency

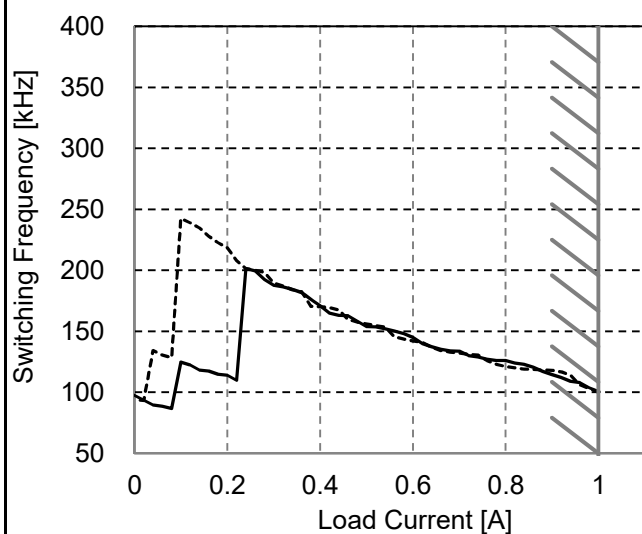
Temperature 25°C
Testing Circuitry Figure A

Object

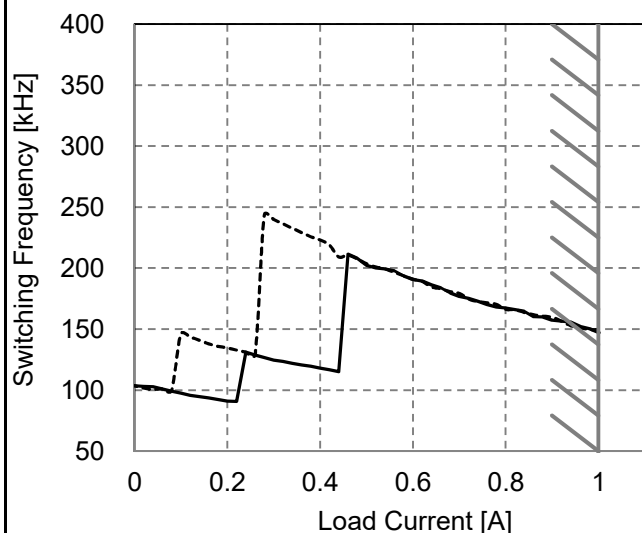
1. Graph

— 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	97	94
0.10	125	243
0.20	114	218
0.30	188	190
0.40	171	170
0.50	154	156
0.60	145	142
0.70	134	132
0.80	126	121
0.90	114	118
1.00	104	100

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	104	104
0.10	97	146
0.20	91	135
0.30	125	240
0.40	118	223
0.50	202	204
0.60	191	191
0.70	177	179
0.80	167	166
0.90	157	161
1.00	150	150

-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.