

[BCD-280WEV-A]

Battery operation test

2018.08.23

R&D

Refrigerator division

□ specification

Galanz 格兰仕

- Model: BCD-280WEV
- noise: $\leq 39\text{dB}$
- Volume : 213L/70L
- refrigerant : R134a/70g
- compressor : DL30H
- Product dimension : 599(W) x 653 (D) x 1517 (H)
- Battery : 12V/165A



□ test result

Galanz 格兰仕

● data(one battery)

Ambient temperature 32°C

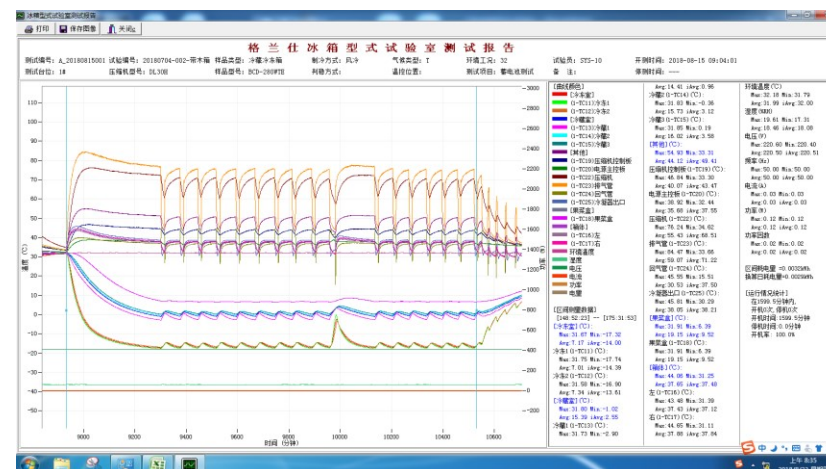
Operation condition	No stop	On and off
Voltage_start	13.5V	13.5V
Voltage_over	10.9V	10.9V
Running time	34.8h	31.9h
Working coefficient	100%	81%
Tm1	2.31	-1.29
tm2	2.88	0.69
tm3	3.22	1.09
Tm a	2.21	0.17
Tf1	-20.48	-16.35
Tf2	-19.63	-15.65
Tfa	-20.05	-16
crisper	8.58	6.65
Top-comp	70.82	67.31
Discharge tube	74.03	68.69
Suction tube	36.75	37.25
Cond tube	37.65	37.12
cabinet_left	36.53	36.22
cabinet_right	37.21	36.9
Invert pcb	43.83	43
Control pcb	37.92	37.29

(°C)

● running curve _ no stop



● running curve _ on and off



✓ If run with two battery , refrigerator working time maybe 69.6h(no stop) , 63.8h(on and off) .

Just do it from the first !

We can do it ! Global No.1