

6.088 inch IP68 Rugged Smart Phone

Revision History

Date	Revision	Page	Content	By
2026/7/31	0.1	All	First Draft	Eisley Yao

ACT POWER TAIWAN
Preliminary

VES-U6402

6.088 inch IP68 Rugged Smart Phone

Features

- MTK6762 quad-Core 2.0GHz
- 6GB RAM + 128GB ROM
- 6.088 inch HD+IPS, 720 x 1560
- Android 13
- 20MP Main and Rear Camera
- Built-in 5000mAh Battery
- IP68, Dust and Water Resistance
- MIL-STD-810G

Appearance

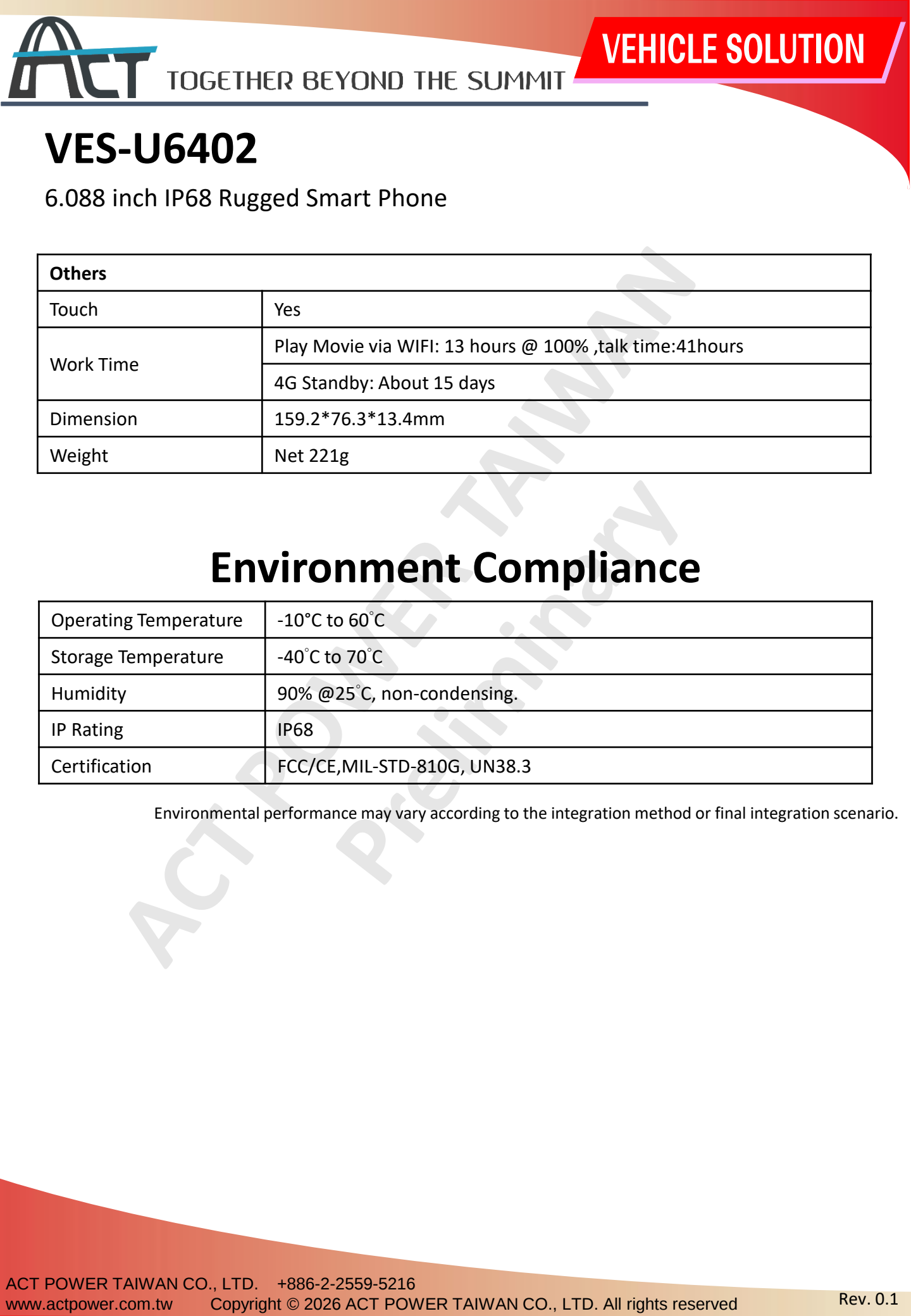


VES-U6402

6.088 inch IP68 Rugged Smart Phone

Specification

CPU	MediaTek MT6762, Octa-core Cortex-A53, up to 2.0 GHz
LCD Panel	6.088" HD+IPS, 720 x 1560
Memory	6GB
Storage	128GB
OS	Andriod 13
Camera	Front: 20MP
	Rear: 20MP
Battery	1x Li Battery, 5000mAh@3.85v
2G/3G/4G	2G: GSM850\900\1800\1900
	3G: WCDMA+CDMA, data speed 42Mb/s, WCDMA 850/900/2100
	FDD:B1/3/5/7/8/20/ or B2/4/5/7/12 TDD:B38 /39/40/41
NFC Function	Yes
Fingerprint/Face ID	Yes
Speaker	Built-in 1W Box Speaker
Button	1x Power on/off 1x Volume +/- 1x Push-to-talk key
Sensor	Gravity sensor, Light sensor, Range sensor, Gyroscope sensor
Compass	Support
Wireless	WIFI: support 802.11 ac/a/b/g/n wireless protocol, BT5.0, GPS, FM radio
Interface	1x Type-C (Support OTG, audio, and charging) 1x TF Card, support Micro SD card up to 256GB 1x SIM Card, double SIM (Nano & Nano)
Power	Input: 110~240VAC, Output: 5V2A



VES-U6402

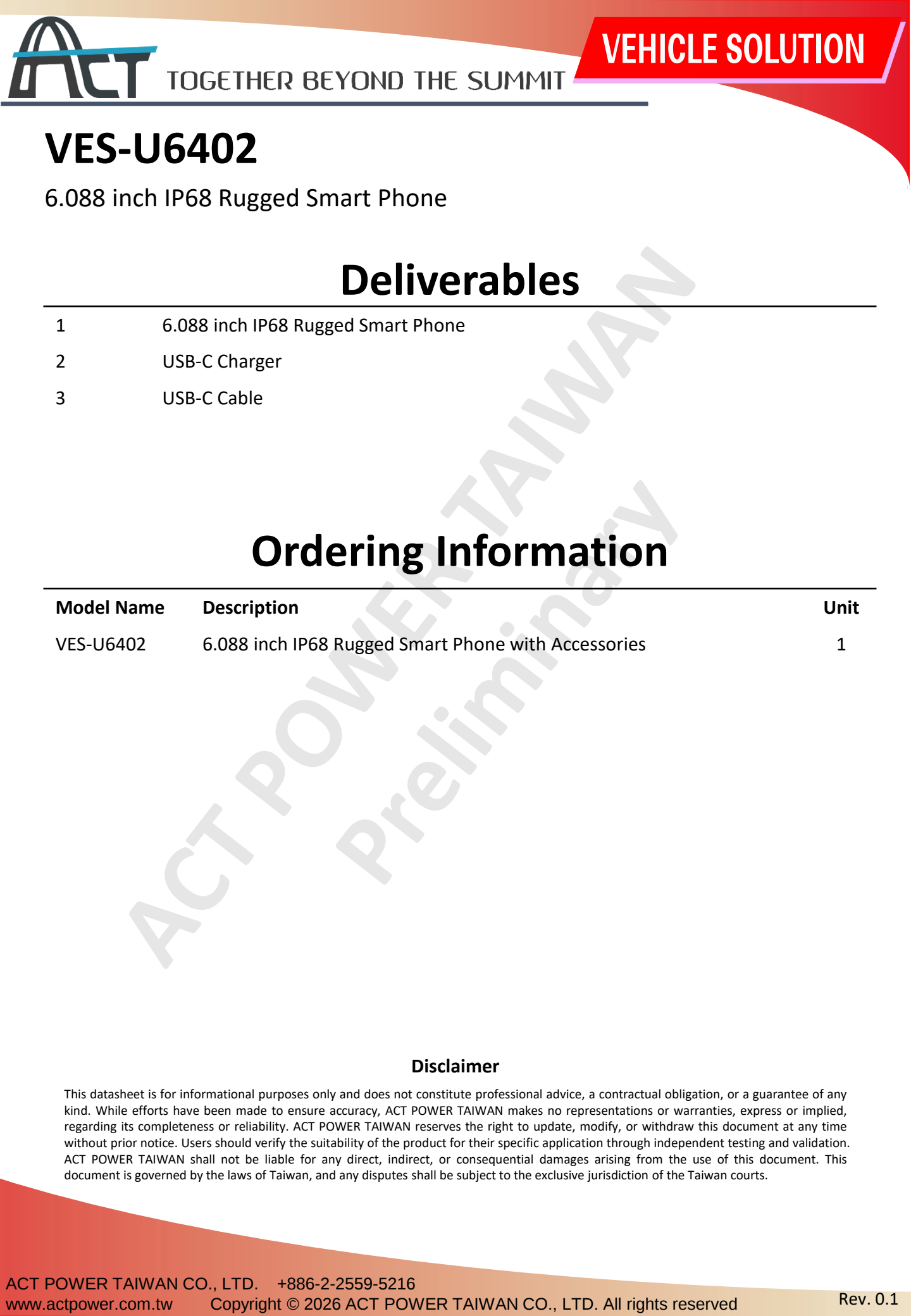
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Others	
Touch	Yes
Work Time	Play Movie via WIFI: 13 hours @ 100% ,talk time:41hours
	4G Standby: About 15 days
Dimension	159.2*76.3*13.4mm
Weight	Net 221g

Environment Compliance

Operating Temperature	-10℃ to 60℃
Storage Temperature	-40℃ to 70℃
Humidity	90% @25℃, non-condensing.
IP Rating	IP68
Certification	FCC/CE,MIL-STD-810G, UN38.3

Environmental performance may vary according to the integration method or final integration scenario.



VES-U6402

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Deliverables

1	6.088 inch IP68 Rugged Smart Phone
2	USB-C Charger
3	USB-C Cable

Ordering Information

Model Name	Description	Unit
VES-U6402	6.088 inch IP68 Rugged Smart Phone with Accessories	1

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