MPOWER100 serial products extend Handheld-Wireless product serials into Android OS 7.0 with 4G high speed network communication with pistol grip. Inside the compact handheld device, sealing level of IP65 water/dust proof, 1.5m/4.5ft drop survival, ergonomic design, over-molding structure, quick- charging technology, large built-in battery of 8100mAh, and 5.0 inch tough Gorilla Glass 3 9H screen are all equipped to ensure performance. Latest 1.3GHz quad-core processor 2GB RAM/16GB ROM and up to 32GB expansion are all designed to boost up experience level.

PHYSICAL CHARACTERISTICS

Dimension	170mm(H)x85mm(W)x23mm(D)±2 mm
Display	5.0 inch Gorilla Glass 3 9H TFT-LCD(720x1280)touch screen with backlight
Backlight	LED backlight
Keypads	3 TP keys, 6 function keys, 4 side buttons
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.7V, 8100mAh

PERFORMANCE CHARACTERSTICS

CPU	Quad A53 1.3GHz quad-core
Operating System	Android 7.0
Storage	2GB RAM, 16GB ROM, MicroSD(max 128GB expansion)
USER ENVIRONMENT	
Operating Temp.	-20℃ to 50℃
Storage Temp.	-20℃ to 70℃
Humidity	5%RH to 95%RH(non-condensing)
Drop Specifications	5ft./1.5 m drop to concrete across the operating temperature range
Sealing	IP65, IEC compliance
ESD	±15kv air discharge, ±8kv direct discharge
DEVELOPMENT ENVIRONMENT	
SDK	Handheld-Wireless Software Development Kit
Language	Java
Environment	Android Studio or Eclipse
DATA COMMUNICATION	
WWAN	TDD-LTE Band 38, 39, 40, 41;FDD-LTE Band 1, 2, 3, 4, 7, 17, 20;
	WCDMA(850/1900/2100MHz);
	GSM/GPRS/Edge (850/900/1800/1900MHz);
WLAN	2.4GHz/5.8GHz Dual Frequency, IEEE 802.11 a/b/g/n
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS(embedded A-GPS), accuracy of 5 m
COLOR CAMERA	
Resolution	8.0 megapixel
Lens	Auto-focus with LED flash