

SHENZHEN POWEROAK NEWENER CO., LTD
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Oct. 24, 2023

Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road Columbia,
MD 21046

SUBJECT:Class II Permissive Change for FCC ID: 2AYT3-AC180

The product,: Portable Power Station, has been granted by FCC dated 06/28/2023, FCC ID: 2AYT3-AC180.Now we, SHENZHEN POWEROAK NEWENER CO., LTD, would like to modify the authorized equipment for below changes:

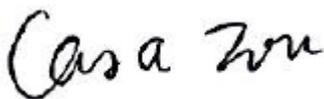
- Hardware Version change from AC180_U2 V3.0 to AC180_U2 V6.0
- The A3 motherboard has replaced the plug-in differential mode inductor (the inductance has been changed from 520uH Min to 1.3mH Min)
- The A3 motherboard replaced Y1 capacitor (100pF/400Vac changed to 2.2nF/400Vac)
- Add a grounding wire to the A3 motherboard
- Solution for replacing USB-C with U2 motherboard (changed from SC9711QDMR to SC8002QDKR+SC2151AQDER)
- M1 motherboard adds magnetic rings and beads for optimization
- The M1 motherboard has added a cement resistor (47 Ω), a SMD common mode inductance (700 Ω @ 100MHz), a SMD N-MOS transistor (NCE6003M, 60V/3A, SOT-89), and a SMD magnetic bead (600 Ω)
- The battery motherboard has added an insulation strip for connecting the metal plate mounting bracket, providing insulation effect

For above described change(s), Updated Radiated Emission and Line Conducted Emission Test.

We would like to certify the additional of certified FCC ID: 2AYT3-AC180 as a Class II Permissive Change in this device.

Thank you for your attention in this matter.

Signatory:



SHENZHEN POWEROAK NEWENER CO., LTD
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Title: Manager