

## Battery Specification

MODEL NO. BW01P5MD08

Steatite Auxiliary Power Unit  
(S.A.P.U)



The Steatite Auxiliary Power Unit is designed for the professional user in critical applications where reliability and performance matter. Using rechargeable lithium batteries the APU provides excellent energy density. The pack is widely used by C.R.O.P.S. personnel, Technical Support Units, rapid response units and other authorities who require immediate deployment and silent running portable power for electronic equipment.

- Portable power for professional users.
- Light weight and man portable battery pack.
- High capacity and a wide operating temperature.
- Extended cycle life, up to 2000 cycles at 80% depth of discharge\*.
- Incorporates battery protection and safety electronics.
- Accurate L.E.D. state of charge indicator.
- On/Off isolation switch for increased safety.

\*Manufacturers Quoted Data

Steatite will work with our customers to gain a clear understanding of their application. We are able to offer various configurations for portable DC power and AC power units, and are happy to discuss any specific requirements you may have.

**Notice.**

Whilst every effort has been made to ensure the accuracy of the information printed, Steatite cannot be held responsible for errors and omissions. We reserve the right to amend this specification at any time without prior notice.

**Ravensbank Business Park, Acanthus Road, Redditch, Worcs, B98 9EX** ☎ + 44(0)1527 512400  
🌐: [www.steatite.co.uk](http://www.steatite.co.uk): [www.wordsworth.co.uk](http://www.wordsworth.co.uk): [www.rugged-systems.com](http://www.rugged-systems.com): [www.steatite-embedded.co.uk](http://www.steatite-embedded.co.uk)

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MODEL NO. BW01P5MD08	Steatite Auxiliary Power Unit (S.A.P.U)
Battery Type	Li-ion Rechargeable Battery
Nominal Capacity	160Ah
Operation voltage	Min 11.2V Max 16.8V
Maximum Discharge Current Maximum Charge Current	18A 18A
Recommended Charging System	Li-ion 2044LI 4S Charger - BA08P4MD17 Output - Voltage 16.8v Current 16 - 17A
Output connector	4 Pin Amphenol Panel Socket
Operating temperature	-45°C ~ + 85 °C
Charging temperature	-45°C ~ + 85 °C
Self Discharge Rate	< 3% (Monthly) We recommend recharging the battery when it shows an open circuit voltage of 11.2v
Lifetime	Up to 2000 cycles @ 80% depth of discharge
Weight	28.0kg
Packaging	Pelicase 1550 Black Rugged case rated at IP67 with lid closed. Alternative colours available on request.
Dimensions:	Depth = 206mm Width = 428mm Length = 524mm
Safety and Protection.	Over-charge voltage at 4.35+/- 0.025v per cell Over-discharge voltage at 2.8 +/- 0.08v per cell Maximum charge/discharge current at 18A External short circuits are protected by a user replaceable 20A fuse.
State of Charge Indicator	Accurate coulomb counter with on board micro processor counts the amount of charge put into and taken out of the battery to calculate the actual capacity remaining in the pack. This data is presented at the touch of a button using a 5 L.E.D. display.
M.S.D.S.	Available on request
Options	<ul style="list-style-type: none"> <li>• Low profile on/off isolation switch.</li> <li>• 2nd output connector for parallel connections.</li> </ul>

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