

# 5W USB CHARGER 3WIRE 5.2V 1A

Part Number: HNS070UC



**S**CLICK smart switch  
**TECHNOLOGY**



## Features

- The HNS070UC suits Apple, Samsung and all other smartphones, tablet brands or portable USB devices
- Fit up to 6x USB chargers in 1x wall plate
- High efficiency, only 50mW standby power
- Suits CABAC, Clipsal, HPM and Legrand style wall plates
- White Bezels included, Black Bezels available

## High-Efficiency USB Charger Mech - Fit up to Six Chargers in One Wall Plate!

The USB power adapters supplied with portable electronic devices are inconvenient and monopolise socket outlets. Consumers now expect dedicated USB wall outlets that allow them to charge their smartphone or tablet using a compatible charging cable alone. S-Click's HNS070UC is a high-efficiency USB charger mech that makes it simple to charge devices without bulky adapters.

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

Many USB charger mechs are limited by size or orientation constraints, but not the HNS070UC. Our compact design takes up a minimum amount of space behind the wall plate, allowing for up to six USB power outlets to be fitted in any orientation. This is extremely convenient in areas such as offices, meeting rooms, classrooms, lecture halls, dormitories and other locations where multiple charging points are required to meet demand. Field trials have shown that the HNS070UC makes a fantastic kitchen top USB charger that can declutter the kitchen and charge a range of portable products overnight in a small area.

The HNS070UC is suitable for portable USB-chargeable devices such as smartphones, tablets, action cameras, eBook readers, GPS units and digital cameras. It is the perfect charging solution for Apple iPhones and iPads or Samsung Galaxy phones and tablets.

## **What are the Benefits of a 1A Charger?**

The HNS070UC has been designed to safely charge the greatest number of devices in a small space and is perfect for charging devices overnight. Using a 1A charger maintains a shallow charging regime that helps protect the health of the lithium-ion batteries found in smart phones and tablets. The best part is that, because Apple limits the iPhone charge rate and the charge rate is not linear, iPhones will still charge in about 3 hours from dead zero no matter what charger you use.

It is a misconception that 2.1A is required to charge tablets - quick charging Li-Ion and Li-Po batteries increases the heat within the battery and can reduce its life. Our 1A charger will charge a tablet overnight using shallow charging that helps to prolong the battery lifespan. When you consider that a fully charged iPad typically requires 12 hours of continuous use to completely empty the battery, it makes perfect sense to safely charge valuable tablets overnight with a 1A charger.

The HNS070UC compensates for cable losses to charge at the full rated 5W on the device end of the cable. Overcurrent protection ensures that if there is a fault with the device the charger will prevent it from charging too fast and causing damage to itself. Tested to a surge rating of 2.5kV, the HNS070UC is more rugged and reliable than many other USB chargers on the market.

The HNS070UC is test certified to AS/NZS 60950-1, CISPR22 and AS/NZS 4665 Standards.

This USB charger mech suits a wide range of Australian wall plates including Clipsal 2000 Series, C2000, Saturn Data, Slimline Clipsal Standard, HPM Excel and Excel Life. Suitable bezels are included to allow for seamless integration with these popular designs.

## **Operating Conditions**

Operating Voltage: 230Va.c. (50mA) 50Hz

Output: 5W, 5V 1A

Operating Temperature: 0 to +50 degrees Celsius

Certified Standard: AS/NZS 60950-1, CISPR22, AS/NZS 4655 MEPS

Maximum Load: 5W

Maximum Current capacity: 1A

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Note: Operation at temperature, voltage or load outside of the specifications may cause permanent damage to the unit.

The HNS070UC is to be installed as part of a fixed wire electrical installation. By law such installations must be made by an electrical contractor or similarly qualified person. For installation instructions and important safety warnings refer to the product datasheet or user manual.

## **Additional Information**

### **AS/NZS 4665**

[Download AS/NZS 4665](#)

### **AS/NZS 60950.1**

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### **AS/NZS CISPR 22**

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### **C-Tick**

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### **Electrical Safety Approval**

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### **Quick Reference Guide**

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### **Selection Chart**

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### **Datasheet**

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### **New Product Release Document**

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