



CB16XX Series Data Sheet

UNIVERSAL

Will charge any 5V USB compatible device at the same rate as the factory supplied mains charger.

APPLE IOS COMPATIBLE

All Chargebus products are fully compatible with the latest IOS release.

CHARGE WHILST SYNCING

Chargebus charge and sync solutions are one of the only products on the market that will allow you to fast charge your Apple devices whilst in sync mode.

BESPOKE DESIGN

Our foam routed cases can be fully customized to accommodate your specific requirements.



CB1650 – 16 port charge and sync desktop unit

Features

- Universal fast charging – Will charge any 5V USB compatible device.
- Charges at the fastest rate possible determined by the device manufacturer. 5V @ up to 2.1A per port.
- CB1650 will continue to fast charge Apple devices whilst in SYNC mode.
- Over-current protection on each port means a port will shutdown if a faulty device, battery or cable is detected.
- Green and Red LED's to determine status of the port.
- Wide ranging AC input 100V-250V AC.
- Thermal control circuit – Fan speeds adjust according to how many devices are connected.
- SYNC functionality (CB1650 only) allows for simultaneous management of multiple devices.



Product Specification

SAFETY FEATURES

Dynamic thermal cooling enables full power operation from -25°C to +50°C. Fan speeds will automatically adjust according to how many devices are connected.

Over current protection means a port will shut down should a faulty device or battery be detected.

CHARGING STANDARDS

Meets Battery Charging Specification BC1.2 for dedicated charger port (DCP).

Meets Chinese

Telecommunications Industry Standard YD/T 1591-2009.

Supports Sleep-Mode

Charging for most available Apple devices and/or BC1.2 compliant devices.

SYNC MODES

Universal Charge and Sync (USC) or Apple Charge and Sync (ASC).

ACS Mode will allow Apple devices to fast charge whilst syncing.

UCS Mode allows communication with any USB compatible device but will charge at standard USB charging rates.

Input Voltage	90-264VAC full range, 50-60Hz / 127-370VDC
Power factor	>0/9 @ 230VAC / >0.98 @ 115VAC
AC Input Current (typ.)	2.3A @ 115VAC / 1.2A @ 230VAC
Inrush Current	30A @ 115VAC / 55A @230VAC
Leakage Current	<2mA @ 230VAC
Output Voltage	4.5 – 5.5V per port
Output Current (max)	2.1A per port
Overload protection	>105% of rated output power. Hiccup mode, recovers automatically when fault is removed.
Over Temperature Protection	90°C +/-5°C Shuts down output, re-power on to recover after temperature goes down.
Operating Temperature Range	-25°C to +50°C
Operating Humidity	20-90% RH non-condensing
Safety Standards (internal PSU)	UL60950-1, TU EN60950-1 approved
Charging Standards	Meets BC1.2 for dedicated charger port. Chinese Telecommunications Industry Standard YD/T 1591-2009. Supports Sleep-Mode Charging for most available Apple devices and/or BC1.2 compliant devices.
ACS Mode (CB1650 only)	Apple Charge and Sync mode allows devices to fast charge whilst in SYNC mode @ 2.1A per port.
UCS Mode (CB1650 only)	Universal Charge and Sync mode charges @ up to 0.5A per port
Dimensions	(L)220mm x (W)130mm x (H)80mm
Weight	1.9Kg



8A Lancaster Court, Coronation Road
High Wycombe, Bucks HP12 3TD
United Kingdom

Tel: + 44 (0)1494 526233

Email: sales@chargebus.co.uk

Web: www.chargebus.co.uk