



SBC-6000 Series

DC-DC In Car Charger



SBC-6104/ 6106/ 6111

- High efficiency 40A/ 60A/ 110A charger
- 3 Power Up Control Mode:
Auto-Ignition Feed, Built-in Vibration Sensor & Input Voltage Control.
- Designed for Euro 5/6, smart alternator & conventional ones.
- 6 Battery type selections: 2 of each in AGM/ LEAD/ LFP.
- 3 Stage charge for Lead based & a specific 2 Stage for LFP.



Manson®

LBC-6000 Series

Professional Lithium Battery Charger

LBC-6140 (12V 40A) / 6220 (24V 20A)

- High efficiency 40A/ 60A/ 110A charger
- 3 Power Up Control Mode:
Auto-Ignition Feed, Built-in Vibration Sensor & Input Voltage Control.
- Designed for Euro 5/6, smart alternator & conventional ones.
- 6 Battery type selections: 2 of each in AGM/ LEAD/ LFP.
- 3 Stage charge for Lead based & a specific 2 Stage for LFP.





SBC-5900 Series

Dual Input DC-DC Charger

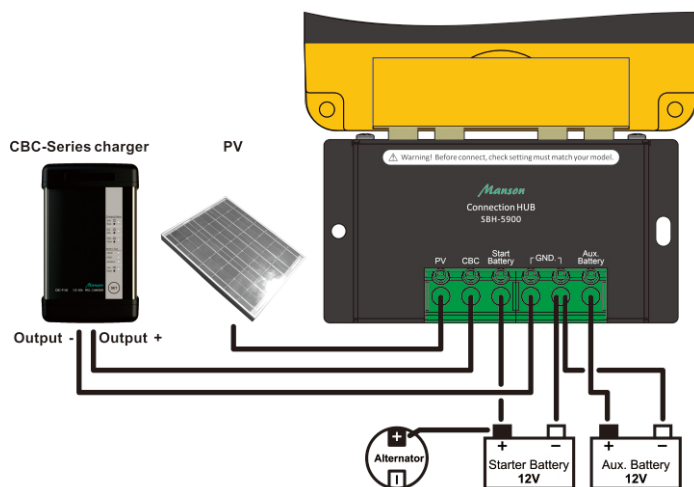
- Solar & Alternator Input can be utilized at the same time.
- 9-32V input range for 12V and 24V battery system to charge 12V auxiliary battery.
- Designed to use with Start Stop, Smart and other types of alternators.
- Stable 3 charging stage to the 12V auxiliary battery bank.
- Two sets of Low Voltage Cut-Off to protect the starting battery from over discharge.
- Automatic wake up of the charger with the Ignition switch on.
- Provision for connection of Manual On-Off or Vibration Sensor On-Off of the charger.
- Recoverable Protections:
Wrong polarity for input & output, Overload, Input under voltage, Over temperature, Input Over Voltage by thermal fuse.

SBH-5900

CONNECTION HUB

for AC-DC & DC-DC CHARGER

- 3 input from PV, AC-DC charger output and DC source.
- Smart switch between AC and DC source for charging auxiliary.
- Support charge of starter battery by using AC-DC charger.
- Support up to 40Amp charging current.



CBC-Series

Professional Battery Charger

- 5 Stage Charging for LEAD ACID with battery temperature compensation.
- Special Charging Stages for Lithium Fe PO4 battery.
- DC source 13.5V/ 26.0V selection.
- Half Power and Sleep Mode ideal for caravan.
- Over 90% efficiency.
- Operating temperature -10 to 50°C.
- Protections:
Short circuit, Reverse polarity, Battery over temperature (for lead acid), Charger over temperature.
- Accessory:
Supplied Battery Temperature Sensor; Optional Remote Control Module.



NTP-5 SERIES

Lab. Grade

Switching Mode Power Supply

- 100W adjustable output.
- Triple Output Power Supply. 1 adjustable and 2 fixed / 2 USB power output.
- Adjustable output voltage can be up to 60V.
- Fixed 12V and 3.3 / 5V outputs (for NTP-55XX series).
- 2 USB output up to 1.8A maximum per each (for NTP-56XX series).
- 4-Digit display.
- Current meter for fixed outputs / USB outputs.
- All three output are isolated (for NTP-55XX series).
- Support serial outputs connection (for NTP-55XX series).
- Ideal for college / DIY.



NTP-55XX



NTP-56XX



SSP-9080 / SSP-9081

Auto-Range (Constant Power)

Lab. Grade Power Supply

- 80W output Power.
- Adjustable 0.5-36V and 0-5A auto range output.
- 4-Digit display.
- 10 steps DC wave forms generator. (For 9081 only)
- Master & Slave for up to 30 units in parallel.
- 3 presets of voltage and current.
- USB bundle. (For 9081 only)
- Optional Ethernet Card. (For 9081 only)



SDC-5300 Series

19-36V → 12-15V @0.2V STEP (30A/ 40A)

Programmable DC-DC Converter with Battery Charger Function

- 19 -36VDC Input with adjustable Output 12 to 15VDC in 0.2V step.
- 30A and 40A models.
- 3-Digit LCD display for Current, Voltage, Operation Mode and Protection Diagnosis.
- 2 Stage full powered charger mode with 14.3V bulk and 13.6V float charge.
- Remote Voltage Sensing for optimal powering of distant load or charging battery.
- Remote control terminal auto On/Off with ignition control and other external on/off switch.
- An independent always-on auxiliary output (0.5A, 13.8V).
- 8 fail-save protections of which 6 with diagnostic code at the LED display.
- Input under voltage warning has remote alarm connection.



SSB-5113

12 / 24VDC 120A Dual Battery Programmable Isolator

- 120 Amp continuous.
- Selectable 12V / 24V battery system.
- 3-Digit led display of operation and protection status.
- Display of Main & House battery voltage in isolation mode.
- Supplied with Remote LED Module with Over-ride button .
- Programmable 3 threshold voltages with respective delay time.
- Selectable Ignition Control.





KPS-Series

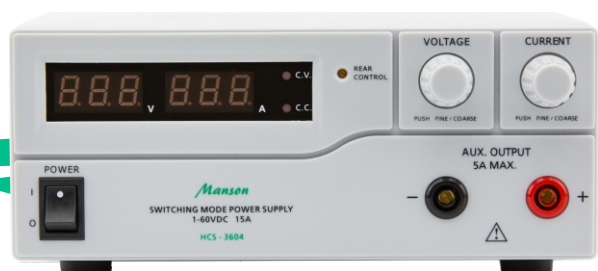
Programmable Laboratory Grade Switching Mode Power Supply

(Improved & Upgraded version of HCS-Series)

- 15 models in 5 series of 180W, 360W, 480W, 640W and 960W.
Model output power: 960W, 640W & 480W ; Output Voltage Range: 1-16V, 1-32V, 1-60V
Model output power: 360W & 180W ; Output Voltage Range: 1-18V, 1-36V, 1-60V

Key Features:

- 4 Digit LED with 10mV & 10mA resolution.
- Adjustable Upper V & I limits set.
- Universal Input for 180W & 360W series.
- Full Front panel controls :
Output On/Off,
Key Lock Button,
3 adjustable Presets (V, I).
- Programmable outputs with wave form either on panel or USB or optional Ethernet card.
- Remote Control & monitor via PC & Tablets.
- SCPI ready , Application software , Command sets & Drivers supplied.
- Analogue Remote Control V, I & output on/off.



HCS-Series

Programmable Laboratory Grade Switching Mode Power Supply

- 15 models in 5 series of 180W, 360W, 480W, 640W and 960W.
Model output power: 960W, 640W & 480W ; Output Voltage Range: 1-16V, 1-32V, 1-60V
Model output power: 360W & 180W ; Output Voltage Range: 1-18V, 1-36V, 1-60V

Key Features:

- 3 Digit LED with 10mV & 10mA resolution.
- Universal Input for 180W & 360W series.
- 3 adjustable Presets (V, I).
- Remote Programmable outputs via USB port to PC.
- Repetitive outputs up to 999 cycles with 20 adjustable settings V, I, cycle duration.
- Visit our web to fully explore compatible software; www.manson.com.hk/product/hcs-3100
- Analogue Remote Control V, I & output on/off. (without PC interface)



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