



WHEREVER THE ROAD
WHATEVER THE LOAD

THE NEXT GENERATION IN BATTERY CHARGING IS HERE!

**30A Multi-Volt DC-DC Buck Booster Battery Charger
with Solar Input**

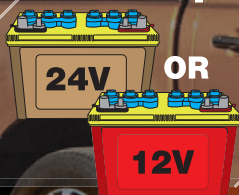
DIBC1224-1230



**Solar
Input**



**Multi-Volt
Input**



Multi-Chemistry



**Optional Plug & Play
Monitor**

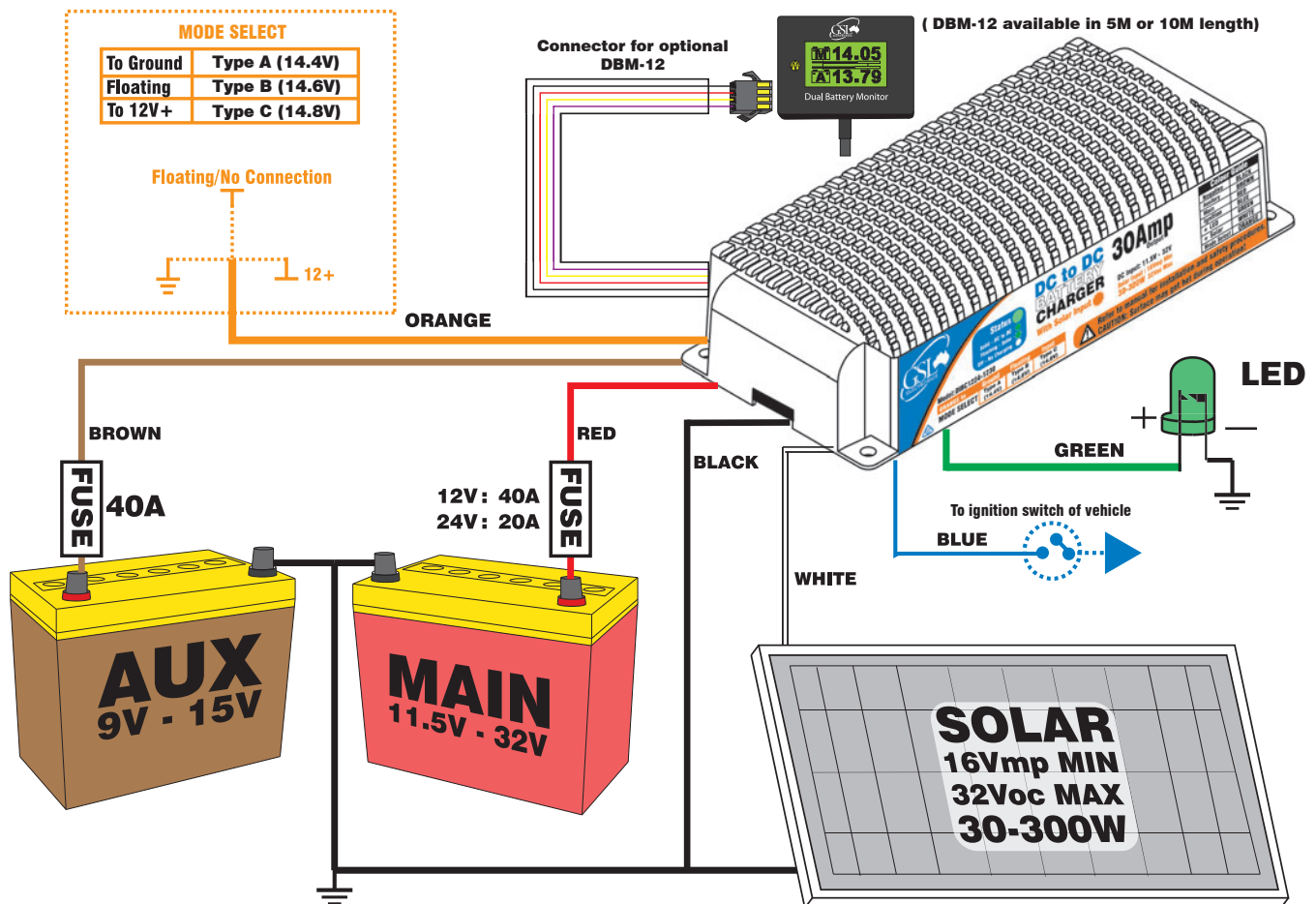


- * 30A output capability
- * Unique solar charging mode to suit long-term vehicle storage
- * Full polymer encapsulation to protect against vibration, water and dust
- * Solar input reverse polarity protection
- * Smallest footprint in its class
- * Compatible with smart alternators
- * Dual-mode solar controller optimises the PWM function for dusk and dawn. It then automatically changes to MPPT mode for peak solar periods

More Information Overleaf

Specifications	
Maximum Charge Current	30 Amps
Input Operating Voltage Range	11.5V to 32V
Maximum Charge Voltage Type A	14.4V
Maximum Charge Voltage Type B	14.6V
Maximum Charge Voltage Type C	14.8V
Solar Panel Power	30W - 300W
Solar Panel V_{MP} min / V_{OC} max	16V / 32V
Stand by Current	0.03A
Maximum Operating Temperature	70°C
Automatic Derating Above 40°C	1A/°C
Dimensions	162mm x 71.5mm x 32.2mm
Weight	560g

Typical Installation



LED

● Auxiliary battery charging from vehicle system

F Auxiliary battery charging from Solar Panel

○ Auxiliary battery not being charged. Normally when vehicle is off or if solar panel connected when no daylight present.

3
YEAR
WARRANTY



GSL Electronics

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