

IBS-DBS Dual Battery System

IBS-DBS/12V-EM
with IBS 200A Relay



E24 model labelling



Soft and Hardware Engineering



IBS-DBS-EM_UD7.cdr

New Technology now available:

The next generation of IBS-DBS with software 8.0 is available from Q1/15 with automotive approval ECE 10R E24. The unit looks the same and is compatible with existing installations. The new electronics offers now dual supply, meaning a battery can be replaced while the system is still living from the other battery. Beside all the function known of Software 6.3, system offers trailer battery recognition (Aux battery can be removed and system switches to single battery mode, also in 6.4 available) and over charge alarm, if alternator runs over 15V, also in 6.4 available. RBM (Relay Booster Module) can also be installed as in the past to extend link start feature if starter battery has failed due to shortened cell(s) or crack in the battery case.

New features:

- Dual supply hardware for improved functionality
- E24 approved unit with 3kW surge suppression
- Alternator over charge alarm, if diodes installed
- Trailer battery recognition and single battery mode
- auto link at 13.1V optimized for smart alternator

Important Market information:

In some markets some cars come with smart alternator feature, in some brands this feature can be de-activated in the ECU. Others with voltage reducing alternators can have a mini ATO diode installed replacing the alternator fuse compensating charge with +0.6V (check LandCruiser J7,J15,J20, Hilux, know from Australian market).

Models available

- IBS-DBS/12V-EM, Dual Battery System 12V E24
- IBS-DBS/24V-EM, Dual Battery System 24V E24
- IBS-SDK, Mini ATO diode compensation

Market release, availability

- yes, now

