

## Operational Description of the equipment

**IBS(Intelligent BatteryMate Series)** is suitable for any vehicle or engine-driven device which uses a standard 12-volt battery. Our **IBS** is a small, computer chip driven, electronic device.

**IBS** monitors battery capacity and detects a drain on voltage (lights left on , door ajar, 2 way radio, GPS, computer, short in system etc...) If a drain is detected, **IBS** disconnects the battery – preventing deep discharge, saving starting power. – i.e. minimizing the dangers associated with a dead battery - like getting stranded. **IBS** saves down time (man hours, service calls, upset customers etc.) and prevents damage to computer, and electrical system (Jump starting can do major damage to electrical system). It maximizes battery life (by not allowing the battery to go dead you get the maximum life out of the battery).

**IBS** can evaluate the battery capacity before start the vehicle.

**IBS** provides overloading and short circuit protection that is the Life-secure function preventing drivers and passengers from dangers or car fires.

**IBS** prevents the battery from deep discharging by disconnecting the battery at a factory preset level. Enough power is left to start the engine. Simply push the black button of device or red button of remote controller, and the battery is automatically reconnected.

<b>PRODUCT</b>	Intelligent Batterymate Series
<b>MODEL NO.</b>	IBI121XXX, IB128XXX, RIB128XXX
<b>POWER REQUIREMENTS</b>	DC 12 V
<b>CARRIER FREQUENCY</b>	315MHz
<b>MODULATION TYPE</b>	AM/ASK/CCK
<b>OPERATING TEMPERATURE RANGE</b>	-20~+85

Function	IBI121XXX	IB128XXX	RIB128XXX
<b>Overuse(Over-discharged) Disconnect / Trouble free</b>		X	X
<b>Overloading / Short circuit Protection</b>		X	X
<b>LED Indication for Battery Capacity</b>	X	X	X
<b>Audible Alarm (Low Voltage &amp; Battery Needs To Be Recharged.)</b>	X		X
<b>Remote Module</b>			X
<b>Cigarette Lighter Socket</b>	X		
<b>Audible Alarm While Charging System Is Abnormal.</b>	X		X
<b>Audible Alarm While Power Generator is Abnormal.</b>	X		X