From April 2018 the EU requires all new cars to be equipped with an E-Call system. In the event of an accident, E-Call automatically connects the injured person to the closest emergency center and sends an MSD (Minimum Set of Data) with the vehicle’s exact location.

As the failure risk of the E-Call system is not negligible, a back-up battery is required to ensure that E-Call will work even after a serious accident. This battery needs to be unequivocally reliable, robust and has to provide power output at temperatures down to -20°C.

Panasonic is the most diversified battery producer worldwide, with more than 85 years of experience producing high quality batteries.

Our rechargeable Nickel-Metal-Hydride batteries are designed to cope with the special demands of automotive applications. With their robustness and wide temperature range from -30°C to 85°C, they deliver excellent and reliable discharging performance with an expected life of about 8 years.
EXEMPLARY LARGE CURRENT DISCHARGE CHARACTERISTICS
OUTSTANDING 2It DISCHARGE PERFORMANCE
EVEN AT LOW TEMPERATURE

EXEMPLARY DISCHARGING PERFORMANCE
IN LOW TEMPERATURE ENVIRONMENT
(DOWN TO -30°C)

Test condition
Charge: 0.5It – dV = 5mV at 20°C
Rest: 1 to 6h at each temperature
Discharge: 2It to 0.8V at each temperature

SUITABLE USE OF BK-120AAW

Operating temperature range
Charging from -20°C to 60°C
Discharging from -30°C to 85°C

Life
8 years durable cell

Safety
IEC62133 compliant & no hazard substances

* Values for expected battery life are reference values only.
The expected life varies depending on the conditions in which the battery is used.

** Values for expected battery life are reference values only.

For more technical information, please use this email:
battery-solutions@eu.panasonic.com

Panasonic Industry Europe GmbH
Winsbergerring 15
22525 Hamburg, Germany
Phone: +49 40 8549-6373
Printed in Germany 2017 © Panasonic Corporation