

Electrical double layer capacitor (EDLC)



Power assist solution for gas & water smart metering systems

Low cost & long life

EDLC featuring high voltage, high capacitance, and low ESR will contribute to improving the performance of your applications. Power Assist Solution of 2Ws(470mF) 4Ws(1000mF) even at low temperatures.

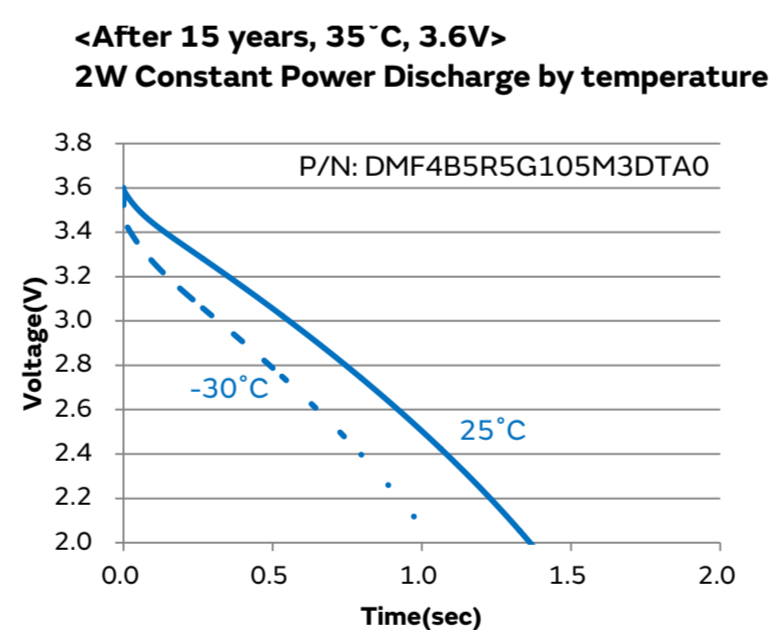
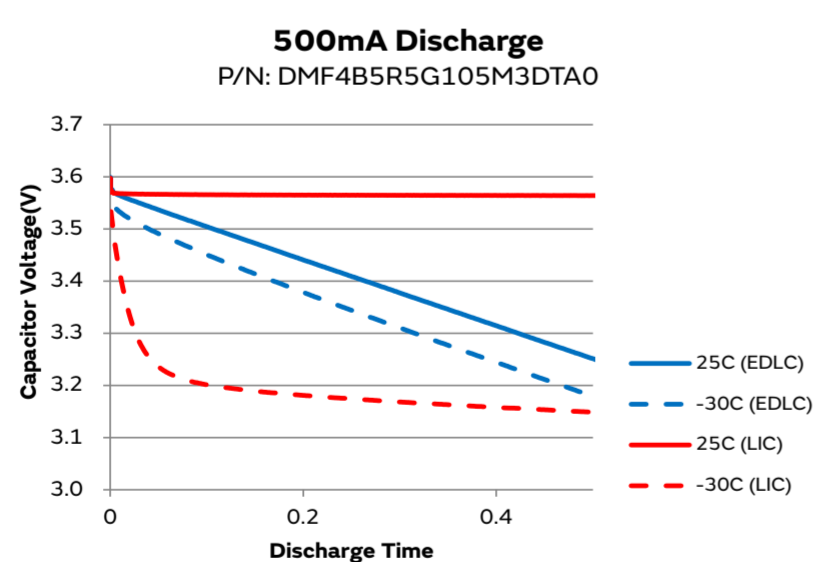
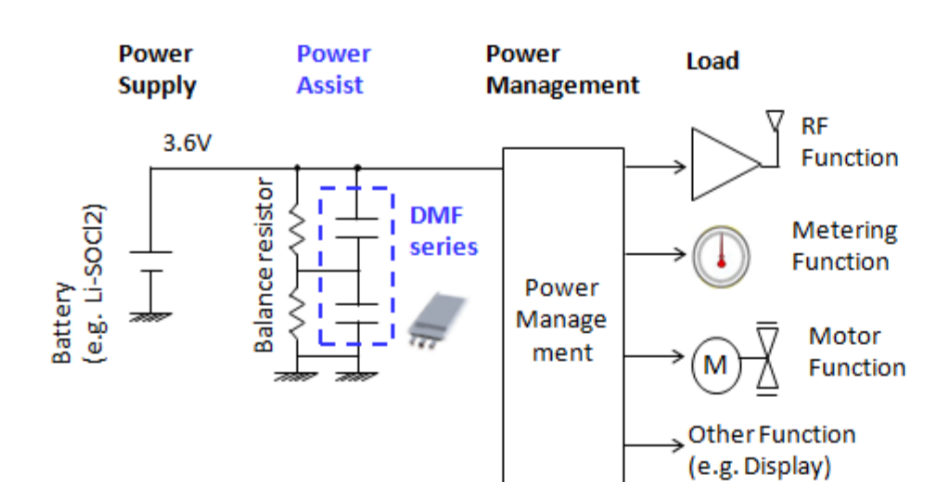
Alternative to lithium ion capacitors

Murata's EDLCs can be used in place of conventional lithium ion capacitors as peak assist solution for smart meters at lower cost

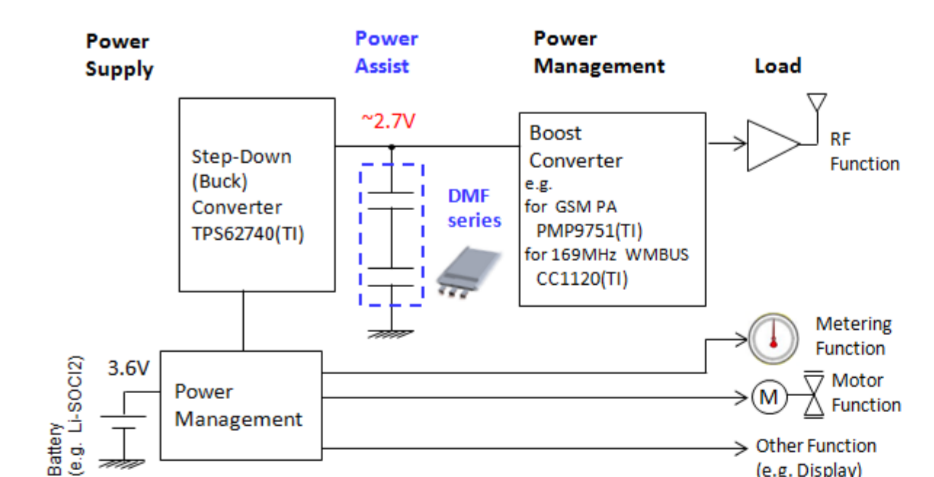
Over 15 years battery power assist

Much lower aging rate due to excellent package sealing and optimized electrochemical system, comparing with conventional EDLCs

Cost-oriented simple solution



Longer battery life solution with low loss



Performance:

Part no.	DMF3Z5R5H474M3DTA0	DMF4B5R5G105M3DTA0
Rated voltage	5.5V(peak), 4.2V(constant)	
Initial capacitance	470mF	1000mF
L x W x T	14 x 21 x 3.2mm	14 x 30 x 3.7mm
Initial ESR	45mΩ	40mΩ
Operating temperature range	-40~+70°C	

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