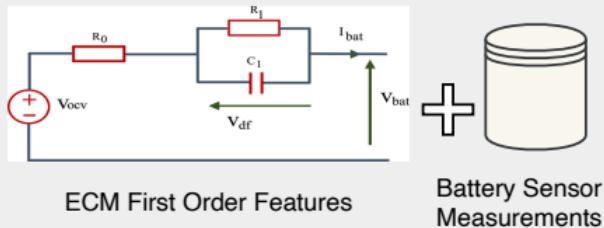
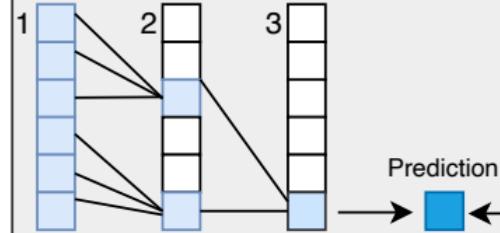


(A) Physics Guided Feature Extraction



(B) Dilated Temporal Block (DTB)



Dilated Convolution

Chomp 1D Padding

ReLU

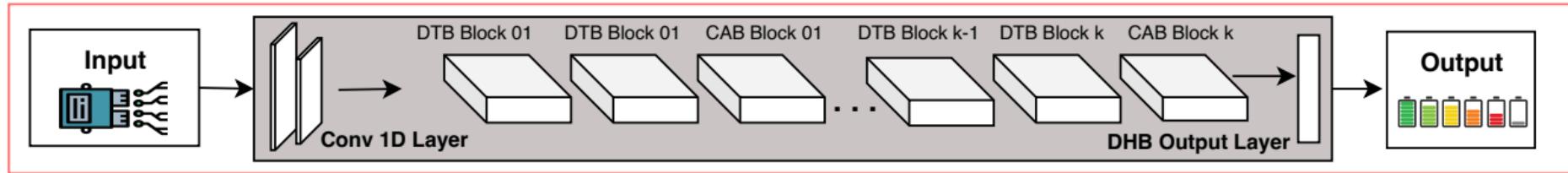
Dropout

ECM First Order Features

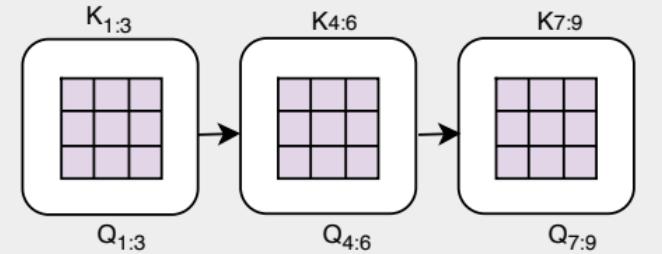
Battery Sensor Measurements

1. Input Layer
2. Hidden Layer
3. Output Layer

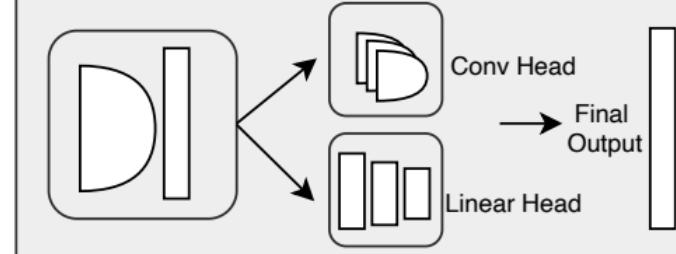
Prediction



(C) Chunked Attention Block (CAB)



(D) Dual-Head Block (DHB)



(E) Output

