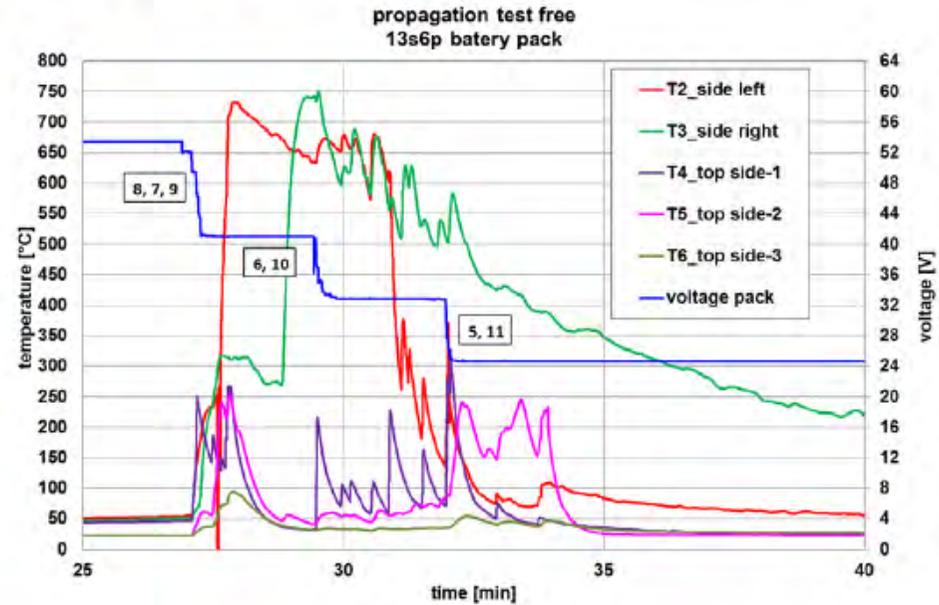
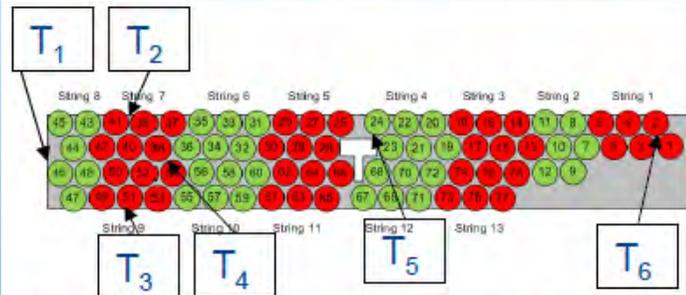


DRYCLOUD _ VERGLEICH

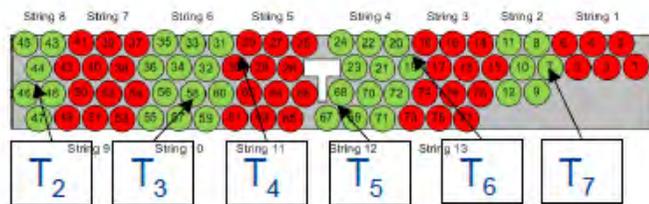
BASIS: ZSW ZENTRUM FÜR SONNENENERGIE- UND
WASSERSTOFFFORSCHUNG BW (ULM), 2017, 2018

Without fire extinguishing



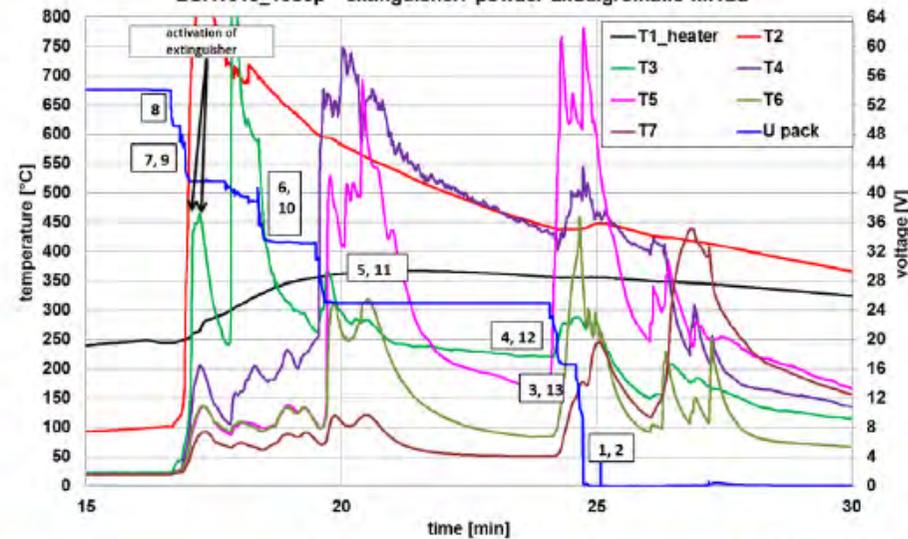
- Fire initialized
- Propagation over 7 cell units (barrier in the middle of the battery, self extinguishing)
- Mass loss: 1220g (30%).

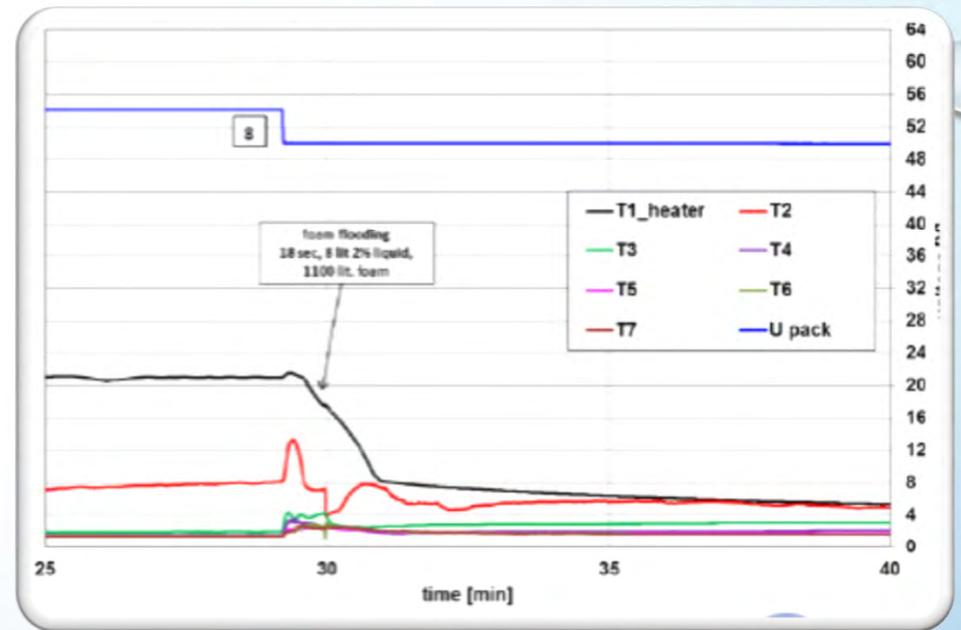
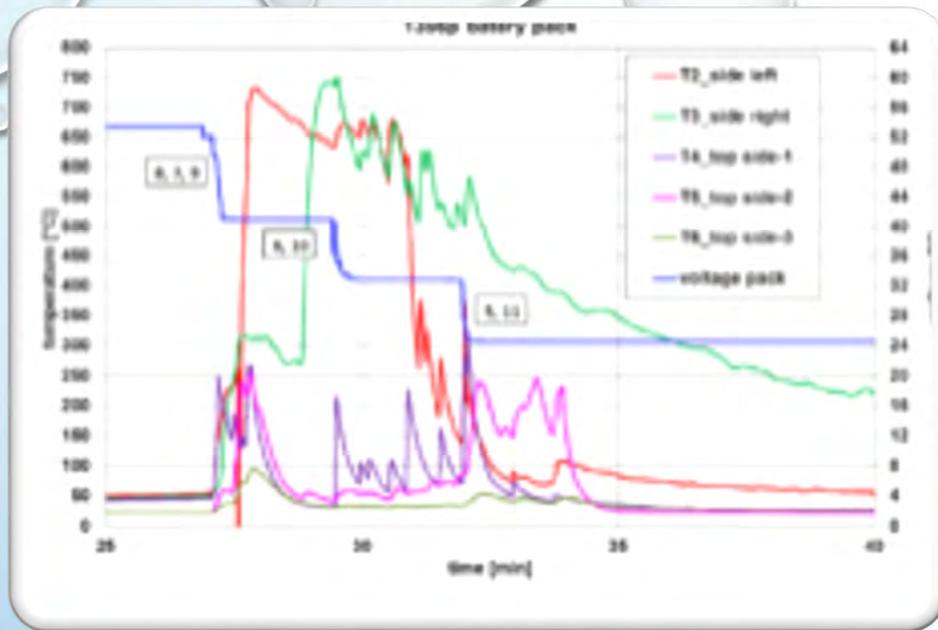
Powder extinguisher (2xSalgromatic MC2)



- Mass loss: 2094 g (52%)
- Fire quickly extinguished by first ex-device,
- With 20 sec delay activation second ex-device
- Re-ignition, but sort duration of the flames (CO2 covered),
- propagation through complete pack (100%)

thermal propagation to 250°C
ECA1610_13s6p - extinguisher: powder 2xSalgromatic MAG2





Rechts: Ohne Löschmittel

Links: Mit Drycoud- Mehrstofflöschesystem

DRYCLOUD

- MASSENVERLUST: DAS WAS BEREITS BRENNT
- FEUER UNTERDRÜCKT, EINE MÖGLICHE KURZE FOLGERERAKTION HÄNGT VON DER ART DER URSACHE AB (HIER MEHRERE KURZSCHLÜSSE)
- KEINE PROPAGATION

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