



# BP39E AND BP35E BATTERY PACKS

## FEATURES

- BP39E and BP35E are modular, energy-dense battery packs.
- BP39E and BP35E are optimized for operation in series but can be adapted for use in parallel. The batteries can be used as standalone components or in our range of multipack power systems.
- The architecture of the BP39E and BP35E shares the same componentry and design as Cummins' BP74E, making it easy to integrate, service and maintain.
- The battery packs are optimized for a Class 4-7 chassis in the medium-duty truck market, including urban delivery truck and school bus applications.



## BP39E Battery Specification

Chemistry	NMC
Dimensions (mm) (LxWxH)	1780 x 650 x 255
Weight (dry) (kg)	335
<b>Energy (kWh)</b>	
Nominal	39
Useable BoL	32
<b>Power (kW)</b>	
Peak Power	
Charge (10s)	48
Discharge (30s)	74
Continuous Power	
Charge	31
Discharge (10 minutes)	69
Time to full charge*	70 minutes
Operating voltage	277-398 V
Cooling	H <sub>2</sub> O & Ethylene Glycol, 50:50
Ingress protection	IP6K9K

## BP35E Battery Specification

Chemistry	NMC
Dimensions (mm) (LxWxH)	1780 x 650 x 255
Weight (dry) (kg)	308
<b>Energy (kWh)</b>	
Nominal	35
Useable BoL	28
<b>Power (kW)</b>	
Peak Power	
Charge (10s)	42
Discharge (30s)	65
Continuous Power	
Charge	28
Discharge (10 minutes)	61
Time to full charge*	70 minutes
Operating voltage	243-349 V
Cooling	H <sub>2</sub> O & Ethylene Glycol, 50:50
Ingress protection	IP6K9K

\* Includes recommended 10-minute window to allow battery balancing.