


Item Name	Backpack Fire Engine	Backpack Fire Engine (N)
Item No.	PBZ60/6-25	PBZ60/6-17
Power System		
Water Pump	Battery-powered DC Motor	
Air Pump	N/A	
Start Time	≤3 sec	
Battery		
Capacity	60V12Ah	
Battery Type	LFP	NCA
Battery Life	≥30 min.	
Charging Tme	≤5hr.	
Firefighting Foam		
Fluorine	No	
Alcohol Resistant	YES	
Specific gravity	1.03 ± 0.02 Kg/dm ³	
pH at 20°C	7.0 ± 1.0	
Temperature of use	-10 °C ~+50 °C	
Freezing point	-15 °C	
Surface tension at 0.3 %	25 ± 2 mN/m	
Concentration of using	0.3%~1.2% / Customized concentration ※Note 1.	
Foam tank volume	1850±5% CC	
Water Requirement	General water source, including seawater	
Fire Fighting Capacity		
Fire Fighting Method	SEM@T Fire Fighting Foam Technology (Not foam-coating technology)	
Range	≥10m (Jet mode)	
Water Flow(L/sec.)	>0.75	
Water Pressure (MPa)	0.25~0.35	
Foam Mixing	Mixed By System	
Water Container	120L, 200L or 500L (External Soft Bag).	
Fire Rating(GB8109-2005)	10A, 55B	10A, 55B
General Parameters		
L/W/H(cm)	L<50, W<35, H<50	L<35, W<35, H<45
Weight(Kg)	<28 (Not include Water)	<18 (Not include Water)
Control System	Manually Start	
Water Outlet	1" Brass Machino Coupling	
Reference Appearance		
Vehicle	Backpack or Hand Carry	

※Note 1. It is recommended 0.3%~0.5% for Class A, and 0.8%~1.2% for Class B Fires. 0.5% or less for Medical institution.

Specifications are subject to change without notice. All specifications shown are typical.