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	PolyJoule (MIT) Battery		Tesla 4680 Lithium Ion Battery		
	all plastic; organic conductive polymers		metals		
	function like metals		74%		
			more O2 than conventonal cars to manufacture		
energy	5x		Х		
range			у		
power			Z		
charging time	80% in under 5 minutes		80% in under 35 minutes		
charge cycles	12000		2000-3000		
deployment					
recyclable	95% recycleable polymer base				
cost	\$65/kwh		\$132/kwh 1.5 times less expensive that Li		
	95% recycleable polymer base				
mining			Brine evaporation		
			selective membranes		
			solvent extraction		
			ion aborption		
			lack of water		
discharge	1 MW in 10 seconds		1 MW in 60 seconds		
life span	-		25 years		
miles					
materials	water-based		Li, Co		
	no clean room				
safety	no flammable solvents		battery fires		
salety	will not become warped or				
	disfigured from overuse				
	can deliver high power				
	peaks over shorter durations				
	allowed on airplanes				
energy density	60 WH/KG		300 WH/KG 5 times bigger		
nower string	2.2Mx3.4Mx0.8M=1590KG				
nominal	528v				
voltage					

voltage range	158v to 972v		
temperature	-40 to 50celcius		
range			