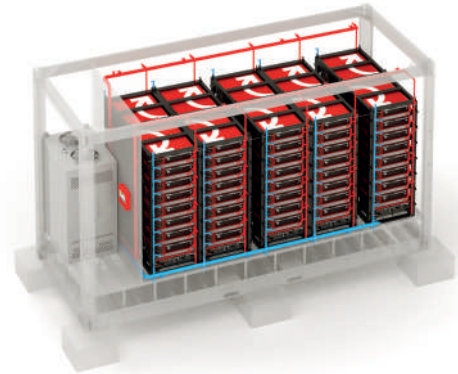




# UTILITY SCALE ENERGY STORAGE SYSTEM



	PESS-C40L-4020	PESS-C32L-3216
<b>Dc Data</b>		
Battery Chemistry	Lithium Ferrous Phosphate	Lithium Ferrous Phosphate
Cycle Life	%80 DOD with 4500 Cycles @0,5 C	%80 DOD with 4500 Cycles @0,5 C
Cell Properties	3,2 V 302 Ah	3,2 V 302 Ah
Cabin Configuration	4160 S	3328 S
Number of Series	10	8
Cabin Nominal Energy Capacity	402 kW	402 kW
Dc Nominal Energy Capacity	4020	3216
Nominal Voltage	1331,2	1331,2
Voltage Range	1164 - 1497	1164 - 1497
Bms Communication Interface	RS485, Ethernet, Can Bus	RS485, Ethernet, Can Bus
Bms Communication Protocol	Modbus RTU, Modbus TCP	Modbus RTU, Modbus TCP
<b>Mechanical Properties</b>		
Dimension (L*w*h)	7000*2700*3500	6000*2700*3500
Weight	<45 T	<38 T
Protection Class	IP54	IP54
Operating Temperature Range	-20 / +40°C	-20 / +40°C
Relative Humidity	0- 95%	0- 95%
Max. Working Height	3000 m	3000 m
Cooling Concept of Dc Cover	HVAC	HVAC
Communication Interface	RS485, Ethernet, GPRS	RS485, Ethernet, GPRS