

## TECHNICAL DATA

Item	10C1H250K-NA	10C1H250K-EX
<b>DC Data</b>		
Battery chemistry	Lithium Iron Phosphate (LFP)	
Cell lifecycle	80% Retention with 5,000 Cycles @ 1C 25 °C	
Cell spec	3.2V/90Ah	
String configuration	2P240S	
Number of strings	2	
Rated energy capacity	276kWh	
DCrated energy capacity	276.48kWh	
Rated voltage	768V	
Voltage range	672V~852V	
BMS communication interface	RS485, Ethernet	
BMS communication protocol	Modbus RTU, Modbus TCP	
<b>AC Data</b>		
Rated AC power	250kW	
Maximum AC power	275kW	
Rated voltage	480V	400V
Grid voltage range	423~528V	340~460V
AC rate of current	300.7A	360.8A
Output THDi	< 3%	
AC PF	0.1~1 leading or lagging (Controllable)	
AC output	3-Phase 4-Wire, PE(with Transformer)	3-Phase 4-Wire, PE(with Transformer) 3-Phase 3-Wire, PE(without Transformer)
<b>General Data</b>		
Dimension w/o clearances (L*W*H)	2,991x2,438x2,591mm	
Weight of the whole system	6.6t	6.6t(with Transformer) 5.9t(without Transformer)
Degree of protection	IP54	
Operating temperature range	-10~40 °C (Max.-20~50 °C)	
Relative humidity	0~95% (non-condensing)	
Max working altitude	2,000m/6,500feet (non-derating)	
Cooling concept of DC hatch	Air cooling	
Fire fighting system	FK-5-1-12(NOVEC1230)	
Communication interfaces	RS485, Ethernet	