

COMMERCIAL AND INDUSTRIAL ENERGY STORAGE SYSTEMS

TECHNICAL SPECIFICATIONS



Product model	UPSF50153A	UPSF100153A
Battery Parameters		
Battery type	Lithium iron phosphate (LFP)	Lithium iron phosphate (LFP)
Nominal voltage	51.2V	51.2V
Nominal capacity	200Ah	200Ah
Charge/ Discharge rate	0.5C/1C	0.8C/1C
Dimension	900*570*88mm	995*650*100mm
Protection level	IP20	IP67
Heat dissipation method	Air cooling	Liquid cooling
PCS Parameters		
Rated power	50kVA	100kVA
Peak power	60kW(60S)	120kW(60S)
AC side voltage	400Vac	400Vac
Frequency	50Hz/60Hz+2.5Hz	50Hz/60Hz+2.5Hz
Power factor	-0.99~+0.99	-0.99~+0.99
System Parameters		
Rated charge capacity	153.6kWh	153.6kWh
System voltage	768V	768V
Grouping method	240S2P	240S2P
Working temperature	-20-55°C	-20-55°C
Designed service life	> 10 Year	> 10 Year
Protection level	IP54	IP55
Full cabinet dimensions	1075*680*2500mm	1200*900*2600mm