

Introduction



Ultra-thin wall-mounted design, only 140mm thick, to avoid taking up too much indoor space; Modular design between packs, quick-plug and quick-draw connectors for easy installation; Different combinations of charge capacities from 12 to 36kWh for different usage scenarios; High brightness industrial display with real-time battery information and the ability to view system status.

Features

- ◆ Wide voltage PDU design, can meet 3~9 battery packs in series combination
- ◆ Easy and safe to install
- ◆ Long cycle life and service life
- ◆ BMS multi-protocol, capable of adapting to mainstream inverter brands on the market
- ◆ Tier 2 architecture and automotive-grade BMS for stable system operation
- ◆ Built-in WIFI and wireless 4G module expansion for remote upgrade

Product Type		UPPF2453A-HS3	UPPF2453A-HS4	UPPF2453A-HS5
Regular Parameters	Cell material	lithium iron phosphate		
	Combination mode	1P72S	1P96S	1P120S
	Rated Voltage	230.4V	307.2V	384V
	Rated Capacity	53Ah		
	Rated Energy	12.21kWh	16.28kWh	20.35kWh
	Dimensions	1460*735*140	1820*735*140	2180*735*140 820*735*140
	Weight	135KG	175KG	220KG
	Communication method	CAN/RS485/WIFI/4G/ CAN/RS485/WIFI/4G/Bluetooth		
	Protection Level	IP65		
	Cycle Life	> 6000cyc@80%DOD,25°C,0.5C		
	Material of Box	Sheet Metal		
	Warranty	10 years		
Electrical Parameters	Voltage Range	201.6~262.8V	268.8~350.4V	336-438V
	Charge voltage	252V	336V	420V
	Charge current	Continuous: 25A Maximum: 50A		
	Discharge current	Maximum continuous current: 50A		
	Equalization method	Passive equalisation		
	Parallel mode	Automatic coding		
	Self-discharge rate	≤2%/month		
Operation Environment	Charging Temperature	0°C to +55°C		
	Discharging Temperature	-20°C to +60°C		
	DOD	<90%		
Certification	UN38.3、CE、IEC62619、ROHS			
Adapted inverter	Solis、Sofar、Growatt、SMK Solar、Deye、SMA、Afore			

Product Type		UPPF2453A-HS6、	UPPF2453A-HS7、	UPPF2453A-HS8、	UPPF2453A-HS9
Regular Parameters	Cell material	lithium iron phosphate			
	Combination mode	1P144S	1P168S	1P192S	1P216S
	Rated Voltage	460.8V	537.6V	614.4V	691.2V
	Rated Capacity	53Ah			
	Rated charge capacity	24.42kWh	28,49kWh	32.56kWh	36.63kWh
	Dimensions	1460*735*140 1180*735*140	1820*735*140 1180*735*140	2180*735*140 1540*735*140	1460*735*140 1180*735*140 1180*735*140
	Weight	263KG	303KG	343KG	383KG
	Communication method	CAN/RS485/WIFI/4G/ CAN/RS485/WIFI/4G/Bluetooth			
	Protection Level	IP65			
	Cycle Life	> 6000cyc@80%DOD,25°C,0.5C			
	Material of Box	Sheet Metal			
Warranty	10 years				
Electrical Parameters	Voltage Range	403.2~525.6V	470.4-613.2V	537.6~700.8V	604.8~788.4V
	Charge voltage	504V	588V	672V	756V
	Charge current	Continuous: 25A Maximum: 50A			
	Discharge current	Maximum continuous current: 50A			
	Equalization method	Passive equalisation			
	Parallel mode	Automatic coding			
	Self-discharge rate	≤2%/month			
Operation Environment	Charging Temperature	0°C to +55°C			
	Discharging Temperature	-20°C to +60°C			
	DOD	<90%			
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