

SmartBox Series

Energy Storage System

SmartBox Series is very high efficient energy storage system and has optimizing peak load reduction, improving grid reliability, and smoothing renewable energy.

Features

- Inside hybrid inverter/charger/converter
- Lithium-ion Battery made by Samsung SDI
- Excellent safety & long life
- Easy scalability of capacity
- Communication & monitoring

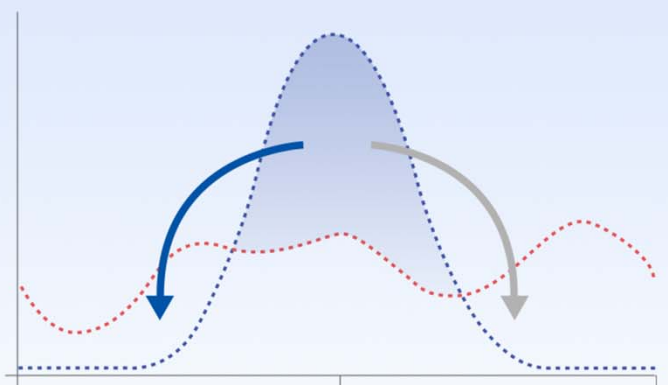
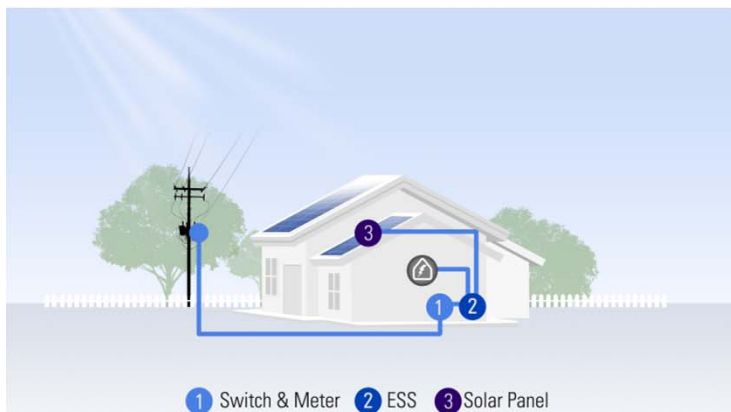
Application

- PV System, Wind Power System, Smart Grid.
- Backup System for Home, Commercial, UPS, ATM.



Item	SmartBox 5.4	SmartBox 8.1	SmartBox 10	SmartBox 13	SmartBox 16	SmartBox 24	SmartBox 40
AC 入力	AC100V/200V 50/60Hz					AC3Ø 200V 50/60Hz	
AC 出力	AC100V/200V 50/60Hz True Sine Wave					AC3Ø 200V 50/60Hz True Sine Wave	
AC 出力パワー	2.5KW	3KW, 4.5KW		4.5KW, 6KW		13KW	18KW
AC 転換SW速度	8ms						
THD	<5%						
効率	93%						
待機電力	<8W					<24W	
Emission	FCC Class B						
グリッド機能	Backup, Peak Time Control, Peak shave, Selling						
PV, WP, 発電機入力	OK (PV Charger Option, WP Controller Option, Generator Controller Option)						
通信	TCP/IP						
定格容量	51.8V/104Ah (5.4KWh)	51.8V/156Ah (8.1KWh)	51.8V/208Ah (10.8KWh)	51.8V/260Ah (13.5KWh)	51.8V/312Ah (16.2KWh)	24KWh~(+8KWh)	40KWh~(+8KWh)
寿命	3000~4000Cycles @SOC80%,DOD100%(Temp. & Usage Dependent)						
バッテリー製造社	Lithium ion Battery made by Samsung SDI						
Total Weight	About 130Kg	About 150Kg	About 180Kg	About 200Kg	About 220Kg	-	-
Dimension(WHD)mm	585X900X650 (Type#1)	585X1200X650(Type#2)		585X1500X650(Type#3)		-	-
Operating Temperature ,Humidity	0~50℃ , 5%~95%RH(Indoor)						

- 仕様と外観は予告なく変更されることがあります。
- AC出力(最大18KW)とバッテリーの容量(最大数百KWh)を増設することができます。



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