

PRELIMINARY SUNNY BOY SMART ENERGY with SMA BACKUP* SECURE / SELECT / HOME

Technical data	SBSE 3.8	SBSE 4.8	SBSE 5.8	SBSE 7.7	SBSE 9.6	SBSE 11.5
SMA Backup Secure (grid outage mode)						
Rated power (at 120 V, 60 Hz)			1920 W			
Max. apparent AC power			1920 VA			
Output power / Output apparent power < 100 ms			150% PN			
Output power / Output apparent power < 30 s			125% PN			
Nominal AC voltage			120 V			
AC grid frequency			60 Hz			
Switching mode			Manual			
Type designation			TBD			
SMA Backup Select (grid outage mode)						
Rated power (at 120 V, 60 Hz)		3840 W			7680 W	
Max. apparent AC power		3840 VA			7680 VA	
Output power / Output apparent power < 100 ms			150% PN			
Output power / Output apparent power < 30 s			125% PN			
Nominal AC voltage			120 V			
AC grid frequency			60 Hz			
Switching mode / Switching time to backup mode			Automatic / TBD			
Type designation			TBD			
SMA Backup Home (grid outage mode)						
Rated power (at 120 V, 60 Hz)		7700 W			11520 W	
Max. apparent AC power		7700 VA			11520 VA	
Output power / Output apparent power < 100 ms			150% PN			
Output power / Output apparent power < 30 s			125% PN			
Nominal AC voltage			120 / 240 V			
AC grid frequency			60 Hz			
Switching mode / Switching time to backup mode			Automatic / TBD			
Type designation			TBD			

● Standard features ○ Optional features — Not available * SMA Backup options sold separately



Enjoy even greater electricity reliability with one of three backup options.

1

SMA BACKUPSECURE

Secured power supply

Access up to 1,900 W of power with a secure outlet connected directly to your inverter.

2

SMA BACKUPSELECT

Selected power supply

Get up to 3,800 W of power, with or without a battery, automatically sent to select loads in your home when the grid goes down.

3

SMA BACKUPHOME

Reliable power supply

When paired with a battery, store and access the full power of your PV system to power your home in the event of grid failure.

