

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.

