

Approval list Parallel Storage Breakers

The following Parallel Storage Breakers are available from IBC SOLAR AG as part of Parallel Storage Breaker Kits.

Please refer to the installation manual of storage system manufacturer/battery inverter manufacturer for the cable lengths to be adhered to:

Description	IBC SOLAR order number	Number of battery inverters	Fuse size per inverter	Number of approved Storage systems	Fuse size per battery
Parallel Storage Breaker 1x2	7400100037	1	200	1, 2	-
Parallel Storage Breaker 1x3	7400100038	1	200	1, 2, 3	-
Parallel Storage Breaker 3x3	7400100039	3	200	1, 2, 3	-
Parallel Storage Breaker 3x6	7400100042	3	200	5, 6	150
Parallel Storage Breaker 3x9	7400100044	3	200	7, 8, 9	150
Parallel Storage Breaker 3x12	1 x 7400100039 + 2 x 7400100045	3	200	10, 11, 12	150

The following lithium-ion batteries, in combination with listed battery inverters, are compatible with the above Parallel Storage Breakers:

Minimum number of approved storage systems			SMA SUNNY ISLAND												Victron				Recommended cable cross-section*														
Manufacturer	Typ	Maximum number of storage systems	4.4 M				6.0 H				8.0 H				MultiPlus-II 3000				Battery <-> Parallel Storage Breaker														
			1 phase		3 phase		1 phase		3 phase		1 phase		3 phase		1 phase		3 phase																
			ongrid	offgrid	ongrid	offgrid	ongrid	offgrid	ongrid	offgrid	ongrid	offgrid	ongrid	offgrid	ongrid	offgrid	ongrid	offgrid															
BYD	Battery Box LVS 4.0	12	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	70mm²															
	Battery Box LVS 8.0			1																													
	Battery Box LVS 12.0																																
	Battery Box LVS 16.0			2		1		3		1		3		1		1																	
	Battery Box LVL 15.4	12																															
Recommended cable cross-section*	Parallel Storage Breaker <-> Battery		70mm²																														

* The recommended cable cross-section don't have to exceed a total length of 5m between storage system and battery inverter.