

HV / High Voltage

		BYD Premium HVS				BYD Premium HVM						Pylontech				Varta
Inverter type	Fronius	v	7.7	10.2	12.8	8.3	11.0	13.8	16.6	19.3	22.1	H2 7.1	H2 10.6	H2 14.2	H2 17.75	Wall
Hybrid	Symo GEN24 3.0/4.0/5.0 Plus	x	x	x	x	-	x	x	x	x	x	-	-	-	-	-
Hybrid	Symo GEN24 6.0/8.0/10.0 Plus	x	x	x	x	-	x	x	x	x	x	-	-	-	-	-
Hybrid	Primo GEN24 3.0/3.6/4.0/4.6/5.0/6.0 Plus	x	x	-	-	-	x	x	x	x	-	-	-	-	-	-
		BYD Premium HVS				BYD Premium HVM						Pylontech				Varta
Inverter type	GoodWe	5.1	7.7	10.2	12.8	8.3	11.0	13.8	16.6	19.3	22.1	H2 7.1	H2 10.6	H2 14.2	H2 17.75	Wall
Hybrid	GW5K/6.5K/8K/10K -ET plus/ ET PLUS+ (16A)	x	x	x	x	-	x	x	x	x	x	(x)	x	x	-	-
Hybrid	GW15K 20K 25K 29.9K -ET PLUS (25/30 with two inputs)	x	x	x	x	-	-	x	x	x	x	-	-	-	-	-
		BYD Premium HVS				BYD Premium HVM						Pylontech				Varta
Inverter type	Kostal	5.1	7.7	10.2	12.8	8.3	11.0	13.8	16.6	19.3	22.1	H2 7.1	H2 10.6	H2 14.2	H2 17.75	Wall
Hybrid	PIKO MP plus 3.0-2/3.6-2/4.6-2	x	x	x	x	x	x	x	x	x	x	-	-	-	-	-
Hybrid	PLENTICORE PLUS G2 3/4.2/5.5/7.0/8.5/10	x	x	x	x	-	(x)	(x)	x	x	x	x	x	x	x	x
Hybrid	PLENTICORE G3 4/5.5/7.0/8.5/10/12.5/15/17.5/20	x	x	x	x	-	x	x	x	x	x	x	x	x	x	x
AC	PLENTICORE BI 5.5/26	x	x	x	x	-	-	x	x	x	x	x	x	x	x	-
AC	PLENTICORE BI 10.0/26	x	x	x	x	-	-	x	x	x	x	x	x	x	x	-
		BYD Premium HVS				BYD Premium HVM						Pylontech				Varta
Inverter type	SMA	5.1	7.7	10.2	12.8	8.3	11.0	13.8	16.6	19.3	22.1	H2 7.1	H2 10.6	H2 14.2	H2 17.75	Wall
AC	SBS 2.5 VL-10	x	x	x	-	-	-	-	-	-	-	-	-	-	-	-
AC	SBS 3.7-10	x	x	x	-	x	x	x	x	x	x	x	x	(x)	-	-
AC	SBS 5.0-10	(x)	x	x	-	(x)	x	x	x	x	x	-	(x)	(x)	-	-
AC	SBS 6.0-10	(x)	x	x	-	(x)	(x)	x	x	x	x	-	(x)	x	-	-
Hybrid	SBSE 3.6-50 / 4.0-50 / 5.0-50	x	x	x	-	x	x	x	x	x	x	-	-	-	-	-
Hybrid	STP 5.0-3 / 6.0-3 / 8.0-3 / 10-3 SE	x	x	x	x	-	x	x	x	x	x	-	-	-	-	x

x = compatible

(x) = only limited recommendable

All approvals refer to the manufacturer's specifications for self-consumption. When using the backup function, the approvals may deviate. Status 12/2024

LV / Low Voltage

		BYD Premium LVS						BYD Premium LVL
Inverter type	SMA	4	8	12	16	20	24	15.4
AC	SI4.4M-13	x	x	x	x	x	x	x
AC	SI6.0H-13	-	x	x	x	x	x	x
AC	SI8.0H-13	-	-	x	x	x	x	x
AC	3x SI4.4M-13	-	-	-	x	-	-	x
AC	3x SI6.0H-13	-	-	-	x	-	-	x
AC	3x SI8.0H-13	-	-	-	x	-	-	x
		SolarEdge Home Battery						
Inverter type	SolarEdge	4.6	9.2	13.8	18.5	23		
Hybrid	SE5K/8K/10K-RWB	x	x	x	x	x		

x = compatible

(x) = only limited recommendable

System Solution

		IQ-Batterie														
Inverter type	Enphase	3T						10T								
AC	IQ8AC	x						x								
AC	IQ8HC	x						x								
AC	IQ8MC	x						x								
		Lynx Home F PLUS+														
Inverter type	GoodWe	LX F6.6-H			LX F9.8-H			LXF13.1-H			LXF16.4-H					
Hybrid	GW5K 6.5K 8K 10K -ET plus/ ET PLUS+ (16A)	x			x			x			x					
Hybrid	GW15K 20K 25K 29.9K -ET PLUS+	x			x			x			x					
		HUAWEI LUNA2000-S0						HUAWEI LUNA2000-S1								
Inverter type	HUAWEI	5	10	15	2x 5	2x 10	2x 15	7	14	21	2x 7	2x 14	2x 15			
Hybrid	SUN2000 2-4.6 KTL-L1	x	x	x	x	x	x	x	x	x	x	x	x			
Hybrid	SUN2000 3-10 KTL-M1	x	x	x	x	x	x	x	x	x	x	x	x			
Hybrid	SUN2000 12-25K-MB0	x	x	x	x	x	x	x	x	x	x	x	x			
Hybrid	SUN2000 5-12K-MAP0	x	x	x	x	x	x	x	x	x	x	x	x			
		Battery integrated														
Inverter type	VARTA	3			6			9			12			18		
AC	pulse neo 6	-			x			-			-			-		
AC	element S5 backup	-			x			-			x			x		

The IQ battery is also compatible with PV inverters from third party

x = compatible

(x) = only limited recommendable

System Solution

		SMA Home Storage				
Inverter-typ	SMA	3.2 kWh	6.5 kWh	9.8 kWh	13.1 kWh	16.4 kWh
Hybrid	SMA Sunny Tripower Smart Energy	-	x	x	x	x
Hybrid	SMA Sunny Boy Smart Energy	x	x	x	x	-
		Battery integrated				
Inverter-typ	Tesla	13.5 kWh				
Hybrid	Powerwall 3	x				

x = compatible

(x) = only limited recommendable