






Residential ESS-Inverter Matching Status

Index




1. RESU6.4EX
2. RESU3.3, 6.5, 10

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1. RESU6.4EX







Battery Model		RESU6.4EX										
Inverter Maker		SMA		Sungrow	SolaX		Victron Energy		GoodWe (SI: Redback)		Ingeteam	
Model		Sunny Island		SH 5K/SH 5K+	X-Hybrid		Phoenix Inverter		ES Series		Ingecon Sun Storage 1Play	
		SI4.4M	SI6.0H		SU3000E	SU5000E	48/3000	48/5000	GW3648	GW5048	3kW	6kW
Appearance												
Spec.	Type	Battery Inverter		Hybrid Inverter	Hybrid Inverter		Battery Inverter		Hybrid Inverter		Hybrid Inverter	
	Max. P (AC, kW)	4.4 (30min)	6 (30min)	5	3.3	5	6	10	5.4 (10sec)	6.9 (10sec)	3.9 (2min)	6.9 (2min)
	Nom. P (AC, kW)	3.3	4.6	5	3	4.6	3	5	3.6	4.6	3	6
	Max. BAT I(A)	75	110	65	50		-		3.6kW (Max Dis.)	4.6kW (Max Dis.)	50	
	Nom. BAT I(A)	75	103	65	50		-		2.3kW (Max Charge)	2.3kW (Max Charge)	-	
	Dimension (WxHxD, mm)	467x612x242		447x510x150	680x595x167		362x258x218	444x328x240	516x440x184		360x470x320	
	Weight(kg)	44	63	20	27.7		18	30	28	30	43.3	65
Matching Status		Matched		Matched	Matched		Currently Matching		Matched		Matched	
Remarks		-		-	-		-		-		-	

1. RESU6.4EX




Battery Model		RESU6.4EX				
Inverter Maker		Schneider		Redback	Nedap	
Model		XW+		SH4600	PowerRouter	
		XW+ 5548NA	XW+ 6848NA		PR37SBi	PR50SBi
Appearance						
Spec.	Type	Hybrid Inverter		Hybrid Inverter	Hybrid Inverter	
	Max. P (AC, kW)	7 (30min)	8.5 (30min)	5	3.7	4.6
	Nom. P (AC, kW)	5.5	6.8	5	3.68	5
	Max. BAT I(A)	110	140	65	75	
	Nom. BAT I(A)	-	-	65	75	
	Dimension (WxHxD, mm)	580x410x230		447x510x150	765x502x149	
	Weight(kg)	53.5	55.2	20	21.5	
Matching Status		Currently Matching		Matched	Matched	
Remarks		-			-	

2. RESU Gen2 LV (3.3, 6.5, 10)

3. RESU3.3, RESU6.5, RESU10

Battery Model		RESU3.3, RESU6.5, RESU10										
Inverter Maker		SMA		Sungrow	SolaX		Victron Energy		GoodWe (SI: Redback)		Ingeteam	
Model		Sunny Island		SH 5K/SH 5K+	X-Hybrid		Phoenix Inverter		ES Series		Ingecon Sun Storage 1Play	
		SI4.4M	SI6.0H		SU3000E	SU5000E	48/3000	48/5000	GW3648	GW5048	3kW	6kW
Appearance												
Spec.	Type	Battery Inverter		Hybrid Inverter	Hybrid Inverter		Battery Inverter		Hybrid Inverter		Hybrid Inverter	
	Max. P (AC, kW)	4.4 (30min)	6 (30min)	5	3.3	5	6	10	5.4 (10sec)	6.9 (10sec)	3.9 (2min)	6.9 (2min)
	Nom. P (AC, kW)	3.3	4.6	5	3	4.6	3	5	3.6	4.6	3	6
	Max. BAT I(A)	75	110	65	50		-		3.6kW (Max Dis.) 2.3kW (Max Charge)	4.6kW (Max Dis.) 2.3kW (Max Charge)	50	
	Nom. BAT I(A)	75	103	65	50		-				-	
	Dimension (WxHxD, mm)	467x612x242		447x510x150	680x595x167		362x258x218	444x328x240	516x440x184		360x470x320	
	Weight(kg)	44	63	20	27.7		18	30			43.3	65
Matching Status		Matched		Matched	Matched		Currently Matching		Matched		Matched	
Remarks		-		-	-				- Redback's SH4600 is also matched			

3. RESU HV (7H, 10H)

Battery Model		RESU7H, RESU10H		
Inverter Maker		SolarEdge	SMA	Fronius
Model		SE6000 ???	Sunny Boy Storage 2.5	Symo Hybrid
Appearance				
Spec.	Type	Hybrid Inverter	Battery inverter	Hybrid Inverter
	Max. P (AC, kW)	6	3	5
	Nom. P (AC, kW)	6	2.5	5
	Battery 통신	RS485	CAN	RS485
	Battery input Voltage	350~450V	120~500V	120V min, 460V max (배터리용량에 따라 전압 범위 설정)
	Dimension (WxHxD, mm)	315x540x191	460x360x120	431x645x204
	Weight(kg)	21.7	9	19.9
Matching Status		Currently Matching	Currently Matching	Matching ('17 aiming)
Remarks				-