

# PSI-X-BMS-HS | PSI-X-3.6HS PSI-X-SBOX-HS

PSI-X-HS

Storage batteries HV



**10 years**  
Product warranty



**PEIMAR X PORTAL**  
Remote Monitoring

## Column 1



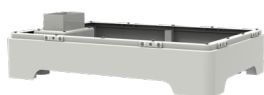
PSI-X-BMS-HS



PSI-X-3.6HS



PSI-X-3.6HS



Mounting base

## Column 2



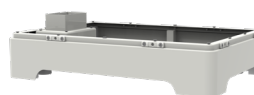
PSI-X-SBOX-HS



PSI-X-3.6HS















PSI-X-3.6HS



Mounting base

# PSI-X-HS

Technical data												
	2 PSI-X-3.6HS		3 PSI-X-3.6HS		4 PSI-X-3.6HS		5 PSI-X-3.6HS		6 PSI-X-3.6HS		7 PSI-X-3.6HS	
Nominal capacity	7,3 kWh		11 kWh		14,7 kWh		18,4 kWh		22,1 kWh		25,8 kWh	
Usable energy (90% DOD)	6,5 kWh		9,9 kWh		13,2 kWh		16,5 kWh		19,8 kWh		23,2 kWh	
Nominal voltage	102,4 V		153,6 V		204,8 V		256 V		307,2 V		358,4 V	
Operating voltage range	90 - 116 V		135 - 174 V		180 - 232 V		225 - 290 V		270 - 349 V		315 - 406 V	
Recommend charge / Discharge current	50 A (reccomended 35 A)											
Max. Charge / discharge current	50 A (reccomended 35 A)											
Nominal power	3,5 kW		5,3 kW		7,1 kW		8,9 kW		10,7 kW		12,5 kW	
Max. power	5,1 kW		7,6 kW		10,2 kW		12,8 kW		15,3 kW		17,9 kW	
Depth of discharge	90%											
Communication interface	RS485, CAN											
Dimensions (L x W x H)	510 x 365 x 522 mm		510 x 365 x 659,5 mm		510 x 365 x 797 mm		510 x 365 x 934,5 mm		510 x 365 x 1072 mm		510 x 365 x 1209,5 mm	

Technical data												
	8 PSI-X-3.6HS		9 PSI-X-3.6HS		10 PSI-X-3.6HS		11 PSI-X-3.6HS		12 PSI-X-3.6HS		13 PSI-X-3.6HS	
Nominal capacity	29,4 kWh		33,1 kWh		36,8 kWh		40,5 kWh		44,2 kWh		47,9 kWh	
Usable energy (90% DOD)	26,4 kWh		29,7 kWh		33,1 kWh		36,4 kWh		39,7 kWh		43,1 kWh	
Nominal voltage	409,6 V		460,8 V		512 V		563,2 V		614,4 V		665,6 V	
Operating voltage range	360 - 465 V		405 - 522 V		450 - 580 V		495 - 636 V		540 - 695 V		585 - 750 V	
Recommend charge / Discharge current	50 A (reccomended 35 A)											
Max. Charge / discharge current	50 A (reccomended 35 A)											
Nominal power	14,3 kW		16,1 kW		17,9 kW		19,7 kW		21,5 kW		23,2 kW	
Max. power	20,4 kW		23,0 kW		25,6 kW		28,1 kW		30,7 kW		33,2 kW	
Depth of discharge	90%											
Communication interface	RS485, CAN											
Dimensions (L x W x H)	510 x 365 x 1347 mm		510 x 365 x 1484,5 mm		510 x 365 x 934,5 + 510 x 365 x 934,5 mm		510 x 365 x 1072 + 510 x 365 x 934,5 mm		510 x 365 x 1072 + 510 x 365 x 1072 mm		510 x 365 x 1209,5 + 510 x 365 x 1072 mm	

BMS	PSI-X-BMS-HS
Dimensions (L x W x H)	510 x 365 x 157 mm
Weight	13 Kg

Battery module	PSI-X-3.6HS
Battery type	Lithium-ion (LiFePO4)
Battery module	3,6 kWh
Dimensions (L x W x H)	510 x 365 x 152 mm
Weight	34 Kg

Series box	PSI-X-SBOX-HS
Dimensions (L x W x H)	510 x 365 x 152 mm
Weight	10 Kg

General data	
Installation	Floor stand
Charge/discharge temperature range	0 ~ 53 °C charge and -20 ~ 53 °C discharge ( -30 ~ 53 °C charge/discharge with battery heating)
Max. operation altitude	3000 m
Environment	Outdoor/indoor (*please refer to the user manual for installation condition)
Protection degree	IP65
Relative humidity	From 5 to 95% (non condensing)
Communication and power supply cable	Included in the BMS box and in the series box

Warranty e compatibility	
Warranty	10 years
Configuration	Refer to data sheets of compatible inverters
Compatible inverters	Peimar single phase hybrid inverters PSI-XIP (HY/RF) SERIES - Peimar three phase hybrid inverters PSI-X3S (HY/RF) SERIES Peimar three phase hybrid inverters PSI-X3P (HYM)

