



Hybrid Series HV 30.0



 **HYBRID INVERTER WITH BACK-UP MODE**

 **EASE-TO-USE AI-DRIVEN SOFTWARE**
Optimized stored energy



Model	Hybrid Series HV 30.0
Battery input data	
Battery type	Li-Ion
Battery voltage range (V)	160V-800V
I _{max} charge (A)	50A+50A
I _{max} discharge (A)	50A+50A
Number of battery inputs	2
External temperature sensor	Optional
Charging strategy	Self-adaption to BMS
PV input data	
P _{max} DC (W)	39000W
Rated DC voltage – (voltage range)	600V - (150V-1000V)
MPPT voltage range	200V-850V
Startup voltage	150V
Max. input current (A)	36A+36A+36A
Max. short-circuit input current (A)	55A+55A+55A
No. of MPPTs	3
Strings per MPPT	2
AC output data	
Rated power (W)	30000W
Max. power (W)	33000W
Peak power (off-grid)	2 times of rated power, 10s
Max. back-up power (W)	30000W
Rated AC output current (A)	43.5A
Max. AC output current (A)	47.8A
Power factor	0.8-1
Output frequency and voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac
Grid type	Three-phase
Harmonic distortion	THD<3% (of rated power)
Efficiency	
Max. Efficiency	97.60%
European Efficiency	97.00%
MPPT Efficiency	>99%
General data	
Weight (kg)	75 kg
Size (mm)	894 × 527 × 294 mm
Protection degree	IP65
Cooling	Air cooling
Warranty	10 years



CAUTION: READ THE INSTRUCTION AND INSTALLATION MANUAL BEFORE USING THE PRODUCT

©Copyright 2024. All rights reserved.

The specifications of the technical data sheet may be modified without prior notice.

