

HYBRID INVERTER



SOLARIS INV3

Model	INV3/6	INV3/8	INV3/10	INV3/12
PV input				
Max. input power	7.8KW	10.4KW	13KW	15.6KW
Max. PV voltage	1000V			
MPPT range	125V-850V			
Max. input current	12.5A*2			
MPPT tracker/strings	2/1	2/1	2/1	2/1
AC output				
Max. output power	6.6KVA	8.8KVA	11KVA	13.2KVA
Max. output current	9.5A	12.7A	15.9A	19.1A
Nominal voltage/range	400VAC/360Vac~440Vac			
Frequency	50/60Hz			
PF	0.99lagging-0.99leading			
THDI	<3%			
AC output topology	3W+N+PE			
Battery				
Battery voltage range	125V~600V			
Charge/discharge current	50A	50A	50A	50A
Max. Charge/discharge power	6.6KW	8.8KW	11KW	13.2KW
Battery type	Lithium-ion/Lead-acid			
Communication interface	CAN/RS485			
Eps output				
Max. output power	6.6KVA	8.8KVA	11KVA	13.2KVA
Rated voltage	400Vac			
Rated current	9.5A	12.7A	15.9A	19.1A
Rated frequency	50/60Hz			
Automatic switchover time	<20ms			
THDU	<2%			
General data				
Battery chage/discharge	97.5%	97.5%	97.5%	97.6%
DC max. efficiency	97.9%	97.9%	98.2%	98.2%
Euro efficiency	97.2%	97.2%	97.5%	97.5%
MPPT efficiency	99.5%	99.5%	99.5%	99.5%
Protection class	IP65			
Noise emission (typical)	<35dB			
Operation temperature	-25°C~+60°C			
Cooling	Natural			
Relative humidity	0~95% (non-condensing)			
Altitude	2000m			
Dimensions(WXDXH)	530*200*560mm			
Weight	29kg			
Inverter topology	Without transformer			
Self-consumption	<3W			
Features				
Display	LCD			
Interface:RS485/wif/can/drm	yes/opt/yes/yes			
Certificates	CE, TUV			