



SUNPOWER
RENEWABLES

APOLLO SERIES

THREE PHASE HYBRID INVERTER
15KT | 20KT

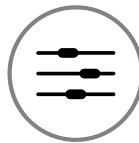


USER FRIENDLY



- EASY INSTALLATION AND O&M WITH HORIZONTAL DESIGN AND QUICK PLUG TERMINALS
- EASY DATA CHECK VIA BOTH LCD DISPLAY AND APP
- EASY WIFI CONFIGURATION VIA APP

LEADING TECHNOLOGY



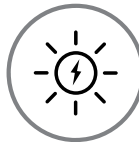
- MAX. 18A PV INPUT CURRENT PER STRING
- LESS THAN 10MS UPS-LEVEL SWITCHING
- MAX. 25A BATTERY CHARGE/DISCHARGE CURRENT

HIGH RELIABILITY



- IP65 PROTECTION DEGREE
- COMPACT AND ELEGANT DESIGN WITH INTEGRATED DIECASTING TECHNOLOGY
- LONG-TERM EFFICIENT OPERATION WITH ADVANCED HEAT DISSIPATION DESIGN

HIGH PERFORMANCE



- UP TO 110% UNBALANCED LOAD
- 150% DC OVERSIZING
- LCD TOUCH SCREEN DESIGN



Apollo Series Three Phase Hybrid Inverter

PV Input Data	15KT	20KT
Max. PV power	22500W	30000W
Max. DC voltage	1000V	
Start-up voltage	135V	
MPPT voltage range	120~960V	
Rated DC voltage	600V	
No. of MPP trackers	4	
No. of string per MPP tracker	1/1/1/1	
Max. input current	18A/18A/18A/18A	
Max. short current	25A/25A/25A/25A	
Battery Input Data		
Battery type	Li-Ion(LFP)	
No. of battery input	2	
Battery voltage range	135~750V	
Max. charge/discharge power	15000W	20000W
Max. charge/discharge current	25A/25A	
Communication	CAN	
AC Output Data (On-grid)		
Rated AC power	15000W	20000W
Max. AC power output to grid	16500VA	22000VA
Max. AC power from grid	30000VA	30000VA
Max. AC current output to grid	25A	33.3A
Max. AC Current from grid	45.5A	45.5A
Rated grid voltage	3/N/PE, 220/380V, 230/400V	
Grid voltage range	184~276V	
Rated grid frequency	50/60Hz	
Output power factor	~1(0.8 leading to 0.8 lagging)	
Output THDi (@Rated output)	<3%	
AC Output Data (Back-up)		
Rated output power	15000W	20000W
Max. output power	16500VA	22000VA
Peak output power, Duration	25000VA, 60s	
Max. output current	25A	33.3A
Rated output voltage	3/N/PE, 220/380V	
Rated output frequency	50/60Hz	
Output THDv (@Liner load)	<3%	
Switch time	<10ms	
Efficiency		
Max. efficiency	98.4%	
Euro efficiency	97.5%	
Protection		
DC switch	Yes	
Protection	PV reverse polarity protection / Output over current protection / Output over voltage protection / Anti-islanding protection / Residual current detection / Insulation resistor detection / Battery reverse protection	
Surge protection level	PV: Type II, AC:Type III	
General Data		
Dimension	570*450*200mm	
Weight	38.5kg	
Inverter topology	Non-isolated	
Standby self consumption	<15W	
Operating temperature range	-30℃~60℃	
Relative humidity	0~100%	
Operating altitude	<3000m	
Cooling	Fan	
Protection degree	IP65	
Display	LCD	
Communication	CAN, RS485, WiFi/LAN (Optional)	
Standard warranty	Standard 5 years	
Certificates		
EMC	IEC/EN 61000-6-1/-3	
Safety	IEC/EN 62109-1/-2, IEC62477-1	
Grid	EN50549-1, IEC 62116, VDE-AR-N-4105, CEI 0-21, C10/11, G98 or G99, UTE C15-712, NRS 097-2-1, OVE-directive R25:2020-03, NTS 631	

Good Design
Award Gold

Governor of
Victoria Export
Award for
Sustainability

Best Social
Impact
Innovation at
Finder Awards

Sustainability
and Green
Economy
Award 2023

GOVEA
Victorian
Exporter of
the Year

AFR BOSS
Best Place to
Work Award

59th Australian
Export and
Investment
Award

Financial Review
Most Innovative
Company

GOVEA
Resource and
Energy Award
2025

Sunpower Renewables Pty. Ltd., is an Australian renewable energy solutions company. Our modern, efficient, and smart solar energy products are cost-effective, long-lasting & and environment-friendly with best-in-class technology. From commercial, and residential to off-grid applications, our products are designed to offer energy independence anytime, anywhere.

Visit our website www.srportables.com for more information or contact our technical team on Tel. 9315964687