

SOLAR ARC P2700 Pro AC



INTRODUCTION



Plug-and-Play AC-Coupled
Energy Storage System



OneHo AI Agent Optimized
Charge & Discharge Strategy



3450W Maximum peak load
power of the off-grid port



Scalable Capacity 2.6-15.6 KWh



100% Compatible with
Existing Solar Systems



IP65 Protection
10-Year Warranty

AC Input(On-Grid)		Unit	Solar Arc P2700 Pro AC
Max Input Power		W	2300
Max Input Current		A	10
Max Charging Power		W	1500
Max Charging Current		A	6.5
Rated AC Voltage		V	230
Rated AC Frequency		Hz	50/60
AC Output(On-Grid)			
Max Output		W	800
Max Output Current		A	3.5
Rated AC Voltage		V	230
Rated AC Frequency		Hz	50/60
Power Factor Range		/	0.8 Lagging to 0.8 leading
AC Output(Off-Grid)			
Max Output		W	2300
Max Output Current		A	10
Rated AC Voltage		V	230
Power Factor Range		/	0.8 Lagging to 0.8 Leading
Rated AC Frequency		Hz	50/60
Battery Data			
Battery Type		/	LFP
Nominal Voltage		V	16
Max Charging Current		A	110
Max Discharging Current		A	110
Rated Power (Single Device)		W	1500
Rated Capacity		Wh	5024
IEC Code		/	IFpP52/161/120[8S]M/-20+50/90
General Parameters			
Protective Class		/	Class I
Ingress Protection		/	IP65
Inverter Topology		/	Isolated
Operation Temperature Range		°C	-20 to 55
Storage Temperature Range		°C	-20 to 60
Max Altitude		M	4000
Warranty		/	10 Years
Dimensions		mm	510×310×300
Net Weight		kg	54.5
Protection			
Overvoltage Protection		/	Yes
Undervoltage Protection		/	Yes
Overcurrent Protection		/	Yes
Short-Circuit Protection		/	Yes
Overheating Protection		/	Yes
Overcharge Protection		/	Yes
Overdischarge Protection		/	Yes
Islanding Detection		/	Yes
Insulation Impedance Detection		/	Yes
Surge Protection		/	Yes