

HELIOS

3kw and 5kw models

Technical Specifications

Models		Helios 3.0	Helios 5.0
Battery	Nominal Voltage	51.2V	
	Voltage Range	44.8~57.6V	
	Capacity	3430Wh	5120Wh
	Max.discharge rate	1C	
	Max.charge rate	1C	
	Battery Type	Li-ion (LFP)	
AC Output	Rated Power	3000W	5000W
	Surge Power	6000W,5s	10000W,5s
	Output Voltage	220/230/240Vac	
	Output Current	13.7A	22.7A
	Rated Frequency	50/60Hz	
	THDv	<3%	
	Output Wave	Pure Sine Wave	
	Output Type	Multi-purpose AC Outlet×2; 48V DC Outlet x1	
AC Input	AC Input Voltage Range	170~280Vac	
	AC Input Frequency	50/60Hz	
	AC Charge Current (Battery)	15A (10/15A Adjustable)	30A (0~60A Adjustable)
PV Input	Max. PV Power (Recommended)	1800W	4500W
	Max. PV Voltage	145V	
	MPPT Range	60V~115V	
	Max PV Charge Current (Battery)	30A	80A
Operating Conditions	Operating Temperature	0~55°C	
	Storage Temperature	-15°C~60°C	
	Humidity	5%~95%	
	Weight	50KG	68KG
	Dimension [W x H x D]	500 x 578.5 x 200mm	510 x 528.5 x 270mm

