

Pi Plus Series



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Operates reliably in extreme temperatures ranging from -15°C to 60°C.



Supports parallel operation, enabling scalability for larger systems.



Compatible with multiple battery configurations and robust charging capabilities.



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Pi-Plus Hybrid Series

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Parameter	Pi-Plus 3.6k	Pi-Plus 6.2k	Pi-Plus 11k
PV INPUT			
Max. PV Input Power (W)	5000	7500	2×5500
MPPT Tracking Range (V)	60~500	60~500	90~500
Max. PV Input Voltage (V)	500	500	500
Max. PV Input Current (A)	18	27	18/18
AC OUTPUT - GRID			
Output Voltage (V)	208/220/230/240±5%	208/220/230/240±5%	208/220/230/240±5%
Frequency (Hz)	50/60±0.1%	50/60±0.1%	50/60±0.1%
Output Current (A)	16.3	26.9	-
Power Factor	>0.99	>0.99	>0.99
AC OUTPUT - LOAD			
Rated Power (W)	3600	6200	11000
Dual Output Power (W)	5500/5500	8600/8600	11000/11000
Second Load Cut Off Voltage (V)	-	-	-
Second Load Return Voltage (V)	-	-	-
Peak Power (W)	6000	11000	17200
AC INPUT			
Input Voltage Range (V)	90-280VAC±3V	90-280VAC±3V	90-280VAC±3V
Input Formation	L+N+PE	L+N+PE	L+N+PE
BATTERY PARAMETERS			
Rated Voltage (V)	48	48	48
Constant Charging Voltage (V)	56.4	56.4	56.4
Float Charging Voltage (V)	54	54	54
Max. PV Charge Current (A)	120	120	150
Max. AC Charge Current (A)	100	100	150
Max. Charge Current (A)	120	120	150
OTHERS			
Operating Temperature (°C)	-15~60	-15~60	-15~60
Storage Temperature (°C)	-15~60	-15~60	-15~60
Operating Humidity (%)	Same as AU1.6	Same as AU1.6	Same as AU1.6
Operating Altitude (m)	Same as AU1.6	Same as AU1.6	Same as AU1.6
Noise (dB)	<50	<50	<50
Dimensions (LWH mm)	570.8500148.2	570.8500148.2	570.8500148.2
Weight (kg)	17	22.5	22.5
Warranty	2 years	2 years	2 years
Standards	EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1, IEC 61683	EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1, IEC 61683	EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1, IEC 61683