

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.



Produces low noise (<50 dB) for residential and commercial suitability.



Pi-Plus Hybrid Series

- ⚙️ Achieves up to 98% peak efficiency for minimal energy loss.
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- ⚙️ Supports parallel operation, enabling scalability for larger systems.
- 🔋 Compatible with multiple battery configurations and robust charging capabilities.
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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
Short Circuit Current (A)	36	27	36
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)	3600/3600	6200/6200	11000/11000
Second Load Cut Off Voltage (V)	22	44	44
Second Load Return Voltage (V)	26	52	52
Peak Power (W)	7200	11000	22000
Peak Efficiency	98%	98%	98%
AC INPUT			
Input Voltage Range (V) Normal Mode	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)	24	48	48
Constant Charging Voltage (V)	28.2	56.4	56.4
Float Charging Voltage (V)	27	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 (%)	20%~95% (Non-condensing)	20%~95% (Non-condensing)	20%~95% (Non-condensing)
Operating Altitude (m)	No more than 1000m	No more than 1000m	No more than 1000m
RS232	5PIN/Pitch2.54mm,Baud Rate 2400	5PIN/Pitch2.54mm,Baud Rate 2400	5PIN/Pitch2.54mm,Baud Rate 2400
Dimensions (LWH mm)	495*312*125	570.8*500*148.2	570.8*500*148.2
Weight (kg)	11.2	12	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