

LightUp
P6000
Specifications

MODEL NAME	P6000 (PVI6001-2V00)
Nominal Output Power (W)	6000
AC OUTPUT	
AC Voltage Regulation (Vac)	230 ± 5% (Battery Mode)
Surge Power (VA)	5s @ 150% load
Transfer Time (ms)	< 20
Waveform	Pure Sine Wave
AC INPUT	
Nominal Voltage (Vac)	230
Voltage Range (Vac)	90 ~ 280
Frequency (Hz)	50 / 60 (Auto Sensing)
PV INPUT	
Charger Type	MPPT (1)
Maximum Power (W)	6000
Operating Voltage Range (Vdc)	120 ~ 500
Open Circuit Voltage (Vdc)	500 (max.)
Input Current (A)	27
Charge Current (A)	120 (max.)
BATTERY	
Nominal Voltage (Vdc)	48
Floating Charge Voltage (Vdc)	54
Over-charge Protection (Vdc)	66
INTERFACE	
Communication	USB / RS232 / RS485 / Wi-Fi
MECHANICAL	
Dimension (mm)	D 140 x W 295 x H 468
Net Weight (kgs)	12
ENVIRONMENTAL	
Humidity (%)	5 ~ 95 (Relative Humidity)
Operating Temperature (°C)	-10 ~ 50
Storage Temperature (°C)	-15 ~ 60
SAFETY	
Certifications	IEC 62109-1, IEC 62109-2, EN 55032

Product specifications are subject to change without further notice.