

Model Name		CPI-B1200P	CPI-B2000P	CPI-B1200	CPI-B2200
CAPACITY	VA/W	1200VA/1000W	2000VA/1800W	1200VA/1000W	2200VA/1800W
NOMINAL BATTERY VOLTAGE		12Vdc	24Vdc	12Vdc	24Vdc
Appearance					
<b>LINE MODE</b>					
INPUT	Nominal Voltage	220~240Vac			
	Voltage Range	Wide mode: 90VAC-280VAC(default) Narrow mode: 170VAC-280VAC			
	Normal Frequency	40~70 Hz (Auto sensing)			
OUTPUT	Voltage	Following the Utility			
	Frequency	Following the Utility			
	Output Waveform	Following the Utility			
EFFICIENCY		>96%(full R load, battery full charged)			
TRANSFER TIME		15ms Typical, 40ms Max.			
<b>BATTERY MODE</b>					
OUTPUT	Voltage	230Vac(+10%/-18%)			
	Frequency	50/60Hz(Auto detection)			
	Output Waveform	Simulated Sine Wave			
EFFICIENCY		>80%			
OVERLOAD PROTECTION		1min@ >110%,20s@>120%,0s@>150%			
PROTECTION		Discharge, over-charged, over-loading, short-circuit, over-temperature protection			
<b>AC CHARGER</b>					
CHARGING ALGORITHM		3-stage charging			
AC CHARGE CURRENT		20A default,0/10/15/20/25A (selectable)	15A default,0/5/10/15/20A (selectable)	20A default,0/10/15/20/25A (selectable)	15A default,0/5/10/15/20A (selectable)
FLOATING CHARGING VOLTAGE		13.7V	27.4V	13.7V	27.4V
OVER CHARGING VOLTAGE		16V	32V	16V	32V
<b>SOLAR CHARGER(MPPT)</b>					
MAX. Solar Array Open Circuit		100VDC		NA	
MPPT Range @ Operating		15~80V	30~80V		
MAX. Solar Charge Current		70A			
MAX.Solar Array Power		960W	1650W		
<b>Physical</b>					
Dimension(W*H*D)		309.5mm(W)* 244mm(H) *96mm(D)			
Weight		2.5kg	2.7kg	2.3kg	2.5kg
<b>Environmental</b>					
Operating Temperature		0°C to 50°C			
Operating Relative Humidity		5 to 95% NON-CONDENSING			
<b>Management</b>					
Auto-Charger		Yes			
Auto-Restart		Yes			
<b>Indicators</b>					
Display		LCD (Green word, Black background)			
		LED(Green/Yellow/Red 3 LEDES)			
<b>Regulation</b>					
Safety		IEC 62109-1; IEC 62109-2; IEC 61683		NA	