

PolarPlus+

DC-AC Inverter 230VAC



Product features:

- Soft-start technology.
- High efficiency-converts the battery's available power 100% sufficient power.
- Aluminum shell with good heat dissipation and strong shock resistance.
- USB charging port type QC3, ideally qualified for powering your phone, laptop, etc.
- LED indicators for power and protections.
- Switch-mode design, easy to use.
- Intelligent fan for cooling,long use life.

Model info:

- P12PDR20U**
- P:** PolarPlus
- 12:** 12V (24: 24V)
- P:** Pure Sine Wave (M: Modified)
- D:** With display
- R:** Switch for remote control
- 20:** 2000W (06: 600W)
- U:** UPS (charger)

Technical Data :

	12VDC								24VDC			
Input voltage												
Output waveform	Pure Sine Wave, THD<3% (Linear load)								Pure Sine Wave, THD<3% (Linear load)			
Output voltage	230VAC±5%, 50Hz								230VAC±5%, 50Hz			
												
Model (fra nov. 2022)	P12PDR10	P12PDR15	P12PDR20	P12PDR25	P12PDR30	P12PDR15U	P12PDR20U	P12PDR30U	P24PDR25	P24PDR30	P24PDR20U	P24PDR30U
Rated power	1000W	1500W	2000W	2500W	3000W	1500W	2000W	3000W	2500W	3000W	2000W	3000W
Peak power	2000W	3000W	4000W	5000W	6000W	3000W	4000W	6000W	5000W	6000W	4000W	6000W
230V output	1 x 230V	1 x 230V	2x230V	2x230V	2x230V	1x230V	2x230V	2x230V	1x230V	2x230V	2x230V	2x230V
Charging current						20A	20A	20A			10A	10A
Unload current + Disply	0,2A+0,2A	0,4A+0,2A	0,5A+0,2A	0,6A+0,2A	0,7A+0,2A	0,4A+0,2A	0,4A+0,2A	0,4A+0,2A	0,3A+0,1A	0,4A+0,1A	0,3A+0,1A	0,4A+0,1A
Dimension (mm)	300x180x80	315x180x80	352x205x95	352x205x95	413x205x95	445x180x80	400x180x130	396x180x130	395x180x80	413x205x95	396x180x130	396x180x130
Net weight	2,5 0kg	2,86 kg	3,76 kg	3,88 kg	4,88 kg	5,05 kg	5,20 kg	7,00 kg	4,32 kg	5,00 kg	5,50 kg	7,00 kg
Max. efficiency	90 %								92 %		90 %	
Input voltage range	10-15.5V								20-31V		20-31V	
Low voltage alarm	10.5±0.5V								21±0.5V		21±0.5V	
Low voltage protection	10±0.5V								20±0.5V		20±0.5V	
Over voltage protection	15.5±0.5V								31±0.5V		31±0.5V	
Low voltage recover	13±0.5V								24±0.5V		24±0.5V	
Over voltage recover	14.8V±0.5V								29.5V±0.5V		29.5V±0.5V	

Protection function:

- Low voltage Alarm at first, vottage continously reduce. LED Red light on & shut sown.
- Over voltage LED Red light on, shut down
- Over load LED Red light on, shut down
- Over temperature Alarm at first, tempurature continously rise.LED Red light on & shut sown
- Short circuit LED Red light on
- Input reverse polarity Fuse burn-out

- USB charger USB type QC3.0
- Working temperature -10° - +50°
- Storage temperature -30° - +70°
- Warranty 2 years
- Cooling method Intelligent air cooling