

# DS 600VA-1200VA

## Puer Sine Wave Inverter Dark Star Series

DS 600VA - 1200VA (1ph in/ 1ph out)



### Key Features:

- True double-conversion
- Microprocessor control optimizes reliability
- Output power factor correction
- Wide input voltage range(110-300VAC)
- Converter mode available
- ECO mode for energy saving only available for 1-3KVA models
- Generator compatible
- Adjustable charging current via LCD or software(1A-6A)
- Emergency power off function(EPO)only available for 6K / 10K models
- Comprehensive display allows easy monitoring access of UPS status

### Applications:

RM Plus Series 1KVA~10KVA High Frequency Rack Mount Online UPS is specially designed for servers,data-center critical network devices,sensitive electronic equipment, telecom, bank, hospital, bureau, traffic, public security, ATM and so on.

**Shenzhen UPSen Electronic CO.,Ltd.**

[www.upsen.net](http://www.upsen.net)

# Technical Specification:

Model	DS600	DS800	DS1000	DS1200	DS600 Plus	DS800 Plus	DS1000 Plus	DS1200A Plus	
Capacity	480W	640W	800W	1000W	480W	640W	800W	1000W	
Power factor	0.8								
AVR	3 steps of AVR, CPU controlled								
INPUT									
Input voltage range	Inverter mode: 100~290Vac±5Vac								
	UPS mode: 145~270Vac±5Vac								
OUTPUT									
Output voltage range	Inverter mode: 150~255Vac±5Vac								
	DC mode: 220Vac±5%								
	UPS mode: 203~238Vac±5Vac								
	220Vac±5% (DC mode)								
Output frequency	50Hz ±0.1Hz (DC mode)								
Wave form	Sine wave (DC Mode)								
Transfer time	<10ms								
BATTERY									
QTY & capacity of battery	DC 12V		DC12V /24V		DC 12V			DC12V /24V	
AC Charger for Battery	10A/20A/Max.								
SOLAR CHARGER									
Charging current (PWM)	NO SOLAR CHARGER				50Amp				
System DC Voltage					12V/24Vdc				
Operating Voltage Range					15~18Vdc / 30~32Vdc				
Max PV Array Open Circuit Voltage					50Vdc / 60Vdc				
PROTECTION & FUNCTION									
PROTECTION	<ol style="list-style-type: none"> <li>1. Battery low voltage protection</li> <li>2. Overload protection</li> <li>3. Short circuit protection</li> </ol>								
FUNCTION	<ol style="list-style-type: none"> <li>1. Auto re-starts when AC recovers</li> <li>2. Silence setup</li> <li>3. Automatic charging (offline charging)</li> <li>4. Combined UPS mode and inverter mode (Additional Solar model for DS Plus Series)</li> </ol>								
PHYSICAL									
Unit dimension (mm)	290*255*120				310*307*120				
Net weight (1pc, kg)	7.6	9.8	10.8	12.2	7.9	10.1	11.1	12.5	
*Product specification are subject to change without further notice.									