

DPS601 Distributed Power Supply



230V

Nominal AC Input Voltage

6.0kVA/5.4kW

Maximum Output Power



230V

Nominal Output Voltage

Specifications			
			5.4kW
AC Input	Voltage (Vac)	230Vac	120-286Vac @ (0~50% load)
			160-286Vac @ (50~75% load)
			176-286Vac @ (75~100% load)
	Frequency Range	46~54 Hz @ 50Hz System	
		56~64 Hz @ 60Hz System	
	Power Factor	>0.99 @100% load	
AC Output	Rated Capacity(VA)	6000VA	
	Rated Power(W)	5400W	
	Rated Voltage	208/220/230/240Vac	
	Regulation	±1.0%	
	Frequency Range (Synchronization Range)	46~54Hz @ 50Hz System; 56~64@ 60Hz System	
	Frequency Range (Battery Mode)	50±0.1% or 60±0.1%	
	Harmonic Distortion (THD)	≤1% @100% linear load, ≤4% @100% non-linear load	
	Power Factor(PF)	≥ 0.9	
	Peak Factor	3:1 max	
	Efficiency	>95% @ AC mode; >90%@ battery mode	
	Transition Time(ms)	<0ms AC mains to battery; and inverter to bypass	
	<10ms inverter to ECO		
Work Environment	Input & Output Terminals	1*input, 2*outputs or 2*inputs, 2*outputs	
	Storage Temperature	-25°C to 55°C	
	Noise(1m)	<55dB @1m	
	Operating Temperature Range(°C)	0°C to 45°C	
	Operating Humidity	0 to 95% non condensing	
	Operating Altitude(m)	<2000	
Dimensions	Mechanical Dimensions D,W,H	750mm, 438mm, 177mm	
	UPS Weight	34kg	5.5kg
	Battery Pack (15Ah)	38kg	
Battery Type	205V Lithium ION Battery		
	10Ah/12Ah/15Ah/18Ah/20Ah/25Ah/30Ah		
COM Port	USB, RS485,RS232, SNMP and dry contacts; supports Windows 7/8, Linux and MAC operation systems		

* Under CVCF mode, output power will be 60% of rated power; When set the output voltage to 208V, output power will be 90% of rated power.