



* Dual Green Power

Dual Green Power

The Dual Green Power is designed specifically for energy conserving. With the automatic detecting device, this product is able to determine whether to turn ON or turn OFF the power according to the electricity usage condition which helps conserving unnecessary electricity consumption.

Features

- * Combo power system provides AC and multi-range DC output simultaneously
- * Offers energy saving and material resources economy
- * Ensures optimal customization to various power applications and battery back up protection

Comparison of Traditional UPS Application and Dual Green Power Application

Model	Dual Green Power Application			Traditional UPS Application			
Function	Dual Green Power			UPS+Notebook Adaptor+USB Charger			
	Multi-power ports (AC and DC output)			AC outlet only			
Material Consumption	120%			100%+100%+100%=300%			
Efficiency	Power efficiency			Power loss			
	Mode	UPS	Notebook Adaptor	USB Charger	UPS	Notebook Adaptor	USB Charger
	AC Mode	>95% Stand by Mode	88%	85%	>95% Stand by Mode	88%	75%
	Back up Mode	70%	85%*	85%*	70%	62%*	52%*

* Power efficiency of DC output for battery-powered mode.

Specifications

Model Name	DGP 500 US	DGP 700 US
INPUT		
Rated Voltage		
Rated Frequency		60Hz
Rated Current		12A
Input Voltage Window for Utility Operation		96-136Vac
Input Frequency Window for Utility Operation		57-63Hz
Maximum Input Voltage without Damage		150Vac
AC OUTPUT FOR BATTERY OUTLET		
Voltage (On Battery)		115Vac rms +/- 8%
Voltage (On Line)		96-136Vac
Frequency (On Battery)		60Hz +/- 3Hz
Rated VA	500VA	700VA
Rated Watts	300W	420W
Output Waveform (On Battery)		Quasi sine wave
Transfer Time (Blackout)		5ms typical, 8ms(max.)
Surge Energy Rating		1194 Joules
Surge Let Through Voltage for NM Category A, +/-6KV test		< 500V
AC OUTPUT FOR SURGE OUTLET		
Capacity		12A
Surge Energy Rating		1194 Joules
DC OUTPUT FOR NB		
Output Voltage		15/16/18/19/20V +/-5%
Rated Watts		65W
DC OUTPUT FOR USB		
Output Voltage		5V +/-5%
Rated Watts		2.5W
PHYSICAL		
AC Input Plug		NEMA 5-15P
AC Outlet Receptacles (Surge Only)		NEMA 5-15R *2
AC Outlet Receptacles (Battery Backup with Surge)		NEMA 5-15R *3
DC Outlet Receptacles (5V)	USB type-A *1	USB type-A *2
DC Output Receptacles (15-20V)		5.5*2.5*10 mm DC receptacle *1
Fax / Modem Connector		RJ11 (1 in 1 out)
BATTERY		
Battery Type	12V, 7Ah * 1	12V, 8Ah * 1
Nominal Runtime at Rated Power (AC&DC full load)		2 Minutes (min)
Typical Recharge Time	18hr	24hr
CONFORMANCE		
Safety		UL1778 listed
EMC		FCC Part15 Class B
Audible Noise		<45 dBA@1m
		18AWG / 2C (6 feet) *1
ACCESSORIES		
DC Power Cord		18AWG / 2C (6 feet) *1
		Type OD ID Tip Length
		A 4.75 * 1.70 * 11.5mm
		B 5.50 * 2.10 * 10.5mm
		C 5.50 * 2.50 * 10.5mm
		D 6.30 * 3.00 * 10.0mm
		E 6.50 * 1.35 * 10.5mm
Notebook DC Power Adapter (Optional Item)		
Telephone Cable		26AWG (6 feet) *1
Manual		English

* Specifications are subject to change without notice.