

HOME UPS

DHU Series

DHU-1k-7.5k



Features

- DSP Based Design
- Smart Battery Charging for long Life
- Automation in charge Controlling System
- Over, Heavy Load & Short Circuit Protection
- Mains/Optional Solar (PV Panels)
- LCD Display for Continuous System Status
- Noise Less Working

Specifications

MODEL	DHU1000	DHU1500	DHU2000	DHU3000	DHU5000	DHU7500
Power Rating (PF 1)	1KVA	1.5KVA	2KVA	3KVA	5KVA	7.5KVA
Power Rating (PF=0.8)	800W	1200W	1600W	2400W	4000W	6000W
DC Input						
DC Voltage (VDC)	12V	24V	24V	36V	48V	72V
AC Input						
Ac Voltage	(INV Mode) 100/285V/(UPS Mode) 190-265V @ 50Hz ± 1Hz					
Hysterisis for AC Input	Low side 10VAC & Higher side 5VAC					
AC Output						
Wave Form	Pure Sine Wave					
Frequency	50Hz ± 0.5Hz					
AC Voltage (VAC)	220V (optional ± 3V)					
Regulation	± 2%					
Power Factor	0.8 ± 0.1					
Harmonic Distortion	< 3% of T.H.D atLiner Load					
Over Load Detection						
	> 112% for 1sec, >130% ± 10% for New mSec					
	> 200% Trip Off					
Charger						
Charging Current	0 ~ 10 Amps					
Charging Voltage	0V ~ 60VDC					
Efficiency						
DC to AC (%)	>83%	>83%	>85%	>85%	>85%	>85%
Protection						
	Inside Protection Turn Off					
	Overload, Over Temperature, Short Circuit & Battery Low					
Noise Level						
	1m distance					
	< 50dBA					
LCD Display						
Status	Inverter Mode, AC Input, Ac Output, Battery Capacity, Inside Temperature, Faults condition, and Load Capacity in watts					
Alarms						
Input Dc	Beep for Every 5 Sec at Low Voltage					
INV Faults	Continous Beep					
Transfer Time						
	UPS via Mains					
	< 3mSec					
Environment						
Temprature	0°C ~ 50°C					
Humidity	0% ~ 95%					
Solar (optional)						
Solar PV Panels	75 Wp					
Number Of PV Panels	Depends on Load					

● All specifications are subject to change without notice.