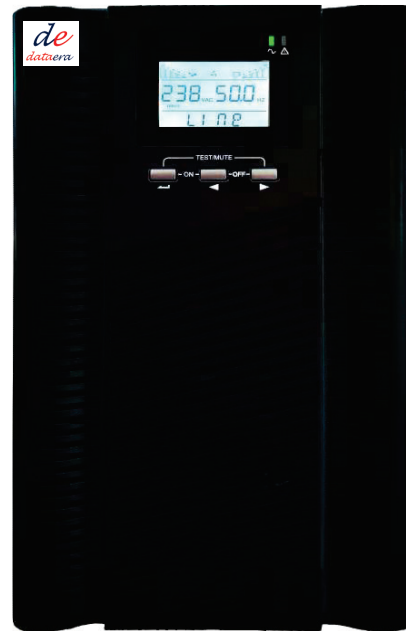


Online UPS DOU Series

DOU-1k-10k (1:1)



1. High Charging capability: 2A / 4A / 6A / 8A / 10A / 12A selectable (standard), 14A / 16A / 18A / 20A / 22A / 24A selectable (options) Standard
2. configuration with output isolation transformer
3. Superior protection (surge, short-circuit, overvoltage, undervoltage, overcharge, reverse battery protection etc.)
4. Advanced communications : RS232 and USB ports (standard), SNMP , dry contacts and Rs485 (options)
5. Other Options (parallel kit, input isolation transformer, bypass isolation transformer and harmonic suppressor)
6. Static Bypass Switch Available, Manual Bypass Optional

1. DSP (Digital Signal Processors) Technology
2. Suitable for all kinds of loads (resistive, inductive and non - Linear loads etc)
3. High overload capability (upto 150%)
4. Bypass dual DSP control design to enhance more reliability
5. Supports dual input, hot standby in series
6. Redundant & parallelable with advance parallel current-sharing control technology
7. Cold start and mains start function
8. Generator Compatible

Rear Panel

- EPO
- USB
- Rs232
- Parallel Port (Optional)
- SNMP (Optional)
- Fan
- Breaker
- Terminal
- Battery Connector
- Fuse
- Input



Specifications

MODEL	DOU1K		DOU2K		DOU3K		DOU5K		DOU6K		DOU10K	
Capacity	1kVA/kW		2kVA/kW		3kVA/kW		5kVA/kW		6kVA/kW		10kVA/kW	
Nominal Voltage	220/ 230 / 240 VAC (1Ph + N + PE, 3 wire)											
Operating Voltage range	110V~ 300V AC @ 50% Load/140V - 300VAC @ Full Load											
Operating Frequency range	50 / 60 Hz ± 10% (Auto Sensing)											
Power factor	>0.99											
Output Voltage/Power factor	220 / 230/ 240 Vac/ ± 1% / 1 Unity Pf											
Output frequency	Auto sensing 50/60 Hz ± 1 ~ 10% Sync Mode (Configurable), 50/60 Hz ± 1 Hz Battery mode											
Harmonic distortion (THDv)	≤ 2% (linear load); ≤ 5% (non-linear load)											
Crest factor	3:1											
Efficiency	Up to 94% Dual Conversion Mode, 99% ECO mode											
Waveform	Sinusoidal											
BATTERY												
DC voltage	36V	48V	72V	96V	72V	96V	120-240V Configurable					
Charger	6.5 - 13A Configurable											
Typical Recharge Time	8 - 12 Hours (90% of full capacity)											
SYSTEM FEATURES												
LCD Indications	Input Voltage/Frequency, Output Voltage/Frequence, Battery Voltage, Load Watt/VA and %, Inverter Temperature, Operation Mode such as "On Line", "ON Batt" or On "Bypass", Fault Codes, Battery & Load Bar graph,Input Current, Output Current, Battery current											
LED Indications	Normal Operation, Bypass, Abnormal, Fault and Battery Mode											
Alarms/Protection	Batt, Low, DC High, Inverter Under/Over Voltage, UPS over Load, Short Circuit, Fan Failure and UPS fault,Transient surge, Input & Output Fuse.											
Overload Capability	≤ 125% for 10 min, >125-150% for 1 min, >150% for 200ms											
Transfer Time	AC to Battery: 0ms, Inverter to Bypass : 4ms (Typical)											
ENVIRONMENTAL												
Temperature	Operating: 0 ~ 45°C, Storage:- 10°C ~ 55°C											
Humidity/Altitude	0~ 95% RH (non-condensing) / <1500M											
Noise / Cooling	< 55 Db / Forced air Cooling											
PHYSICAL												
Dimensions (W x D x H) (mm)	144x400x215	192x469x399					220x481x438					
Net weight (kg)	6	10.7	10.8	11.2	10.8	11.2	17	18	20			
STANDARDS												
Quality	ISO 9001:2015,ISO 140001:2015, BIS											
Safety/ IP Rating	IEC/EN62040-1/ IP20 / Ip21											
EMC/Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE											
COMMUNICATION INTERFACE												
Standard	RS-232											
Optional	SNMP / ModBus / Dry Contact / USB / RS-485											
Monitoring Software	NetAgent utility v5.8/UPSilon 2000											

- * Specification are subject to change without any prior notice.
- * Note: With Isolation Transformer, UPS Dimensions & Weight will be Changed.