



Deutsche Power

DH SERIES

PURE SINE WAVE INVERTER
1KVA ~ 2KVA (1/1)

 Domestic Usage
Inverter

SINE WAVE INVERTER



DH Series (1kVA~2kVA)

DH series Inverter is an economical Pure Sine Wave Inverter that offers full-featured power protection for applications requiring good quality power. It offers unique features and extraordinary load performance not normally found in similar products.

DH Inverter provides remote ON/OFF power function, intelligent battery management and perfect protections to achieve nobody on duty at site.

- Pure sine wave output
- System efficiency high up to 90%
Wide AC input range, 150V to 275V, avoid transfer to battery mode, adaptive to adverse utility power grid environment
- Extra strong load capability supports air conditions, motor and other capacitive or inductive loads.
- Intelligent RS232 communication port, friendly digital remote monitoring (for B type)
- Advanced CPU control provides high performance
Highly accuracy and fully automatic voltage regulator
- endurance load safely running
Complete fault protection functions, overload, short circuit, overvoltage, under voltage, over temperature protections
- Friendly LED display (standard) or digital LCD display (optional)
- D'3f/Y isolation transformer output
- Compatibility with diesel generator offer more reliability
Auto restart function achieves unattended at site
- (optional)
Intelligent battery management prolong the battery life

Ideally Suited For

- Small / medium home equipment
- Office and public device
- Home lighting system
- Fabrication and control system
- PC, workstation and Point-of-Sale (POS)

SINE WAVE INVERTER

TECHNICAL SPECIFICATION FOR DH SERIES

MODEL

Rating	DH512	DH712	DH1024
KVA/Watt	1 KVA/600W	1.5 KVA/800W	2 KVA/1100W

INPUT

Phase	Single Phase In & Single Phase Out
Voltage	150V - 280V AC
Frequency	50Hz±5%

OUTPUT

Wave form	Sine Wave
Voltage	220V/230V/240±10%
Frequency	50Hz±2%
Crest Factor	3:1
Transfer Time	<2msec
Sockets	Universal

BATTERY

Type (Extended Autonomy)	12V	12V/24V
Quantity (Built-in Autonomy)	N/A	
Recharge	90% within 5 Hrs	
Backup	Approx 10-15 minutes (depending on Load) (Variable on extended Autonomy)	

GENERAL

Surge	RJ11 & RJ45 for Modem & Lan Cable attached (Optional)
Communication	RS232 OR USB (Optional)
Noise	<45dB (1 Meter)
Temperature	0~40C
Humidity	20~90% (Non-Condensing)
Dimension (mm)	372x122x195

DP Electronics e.K.(Deutsche Power Co. Limited) has a policy of continuous product development and improvement and therefore reserve the right to vary any information without prior notes.

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