

# DHM-500/600/600X

## Micro Inverter



### Features

#### Convenient

- DC overload up to 50%
- Inter-connectable with other NEP microinverter models
- Built-in PLC or WiFi

#### Safe and Reliable

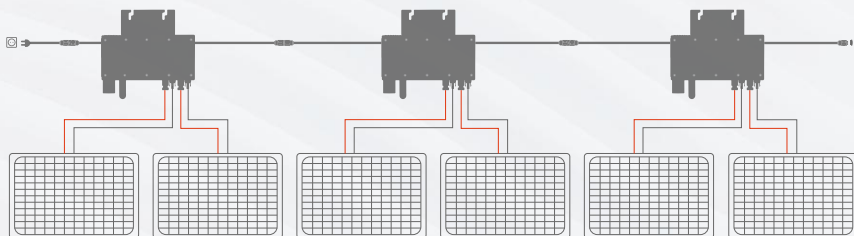
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating

#### Global Certified

- U.S. California Rule 21 Certified
- "UL1741, SAA, TUV, VDE-AR-N 4105, VDE, 0126, G83/2, CEI 0-21, IEC 61727, EN50438, Tor Erzeuger Typ A"

#### Efficient

- MPPT activated for each panel
- High efficiency with 97.1%



**More effective** | Max. Efficiency 97.1%

**Global Certification** | C-ETL-us, SAA, TUV, VDE-AR-N 4105, VDE 0126, G83

**More secure** | Built-in grounding  
Lightning protection 6000V

**More Reliability** | IP66/67

# Model

# DHM-500/600/600X

Input   DC	DHM-500	DHM-600	DHM-600X
Recommended PV Module Power Range /W	375 x 2	450 x 2	
MPPT Voltage Range /V	22-55		
Startup Voltage /V	24		
Max. Input Voltage /V	60		
Max. Input Current /A	12.5 x 2	18 x 2	
Overvoltage Protection Category	II		
Output   AC			
Peak Output Power /VA	550	600	650
Max. Continuous Output Power /VA	500	580	600
Rated Output Voltage /V	230		
Nominal Output Voltage Range /V	Configurable		
Max. Continuous Output Current /A	2.17	2.52	2.61
Nominal Frequency / Range /Hz	50 / Configurable		
Power Factor (Nominal/Adjustable Range)	1.0/0.8 leading...0.8 lagging		
AC Short Circuit Fault Current Over 3 cycles /Arms	4.4		
THDi@Rated Power	<3%		
Max. Units per 20A Branch	7	6	
Overvoltage Protection Category	III		
Efficiency			
Peak Efficiency	97.1%		
MPPT Efficiency	>99.5%		
Night Power Consumption /mW	110		
General Data			
Operating Ambient Temperature Range /°C	-40~65		
Relative Humidity Range	0-100%		
Dimensions (W x H x D) /MM	227 x 132 x 50		
Weight /kg	2.9		
DC Connector Type	MC4		
AC Connection Type (inverter-inverter)	Daisy Chain AC Bus		
Communication Method	PLC or WiFi		
Protection Class	NEMA-6 / IP-66 / IP-67		

1 The AC voltage range may vary depending on specific country grid

2 The AC frequency range may vary depending on specific country grid