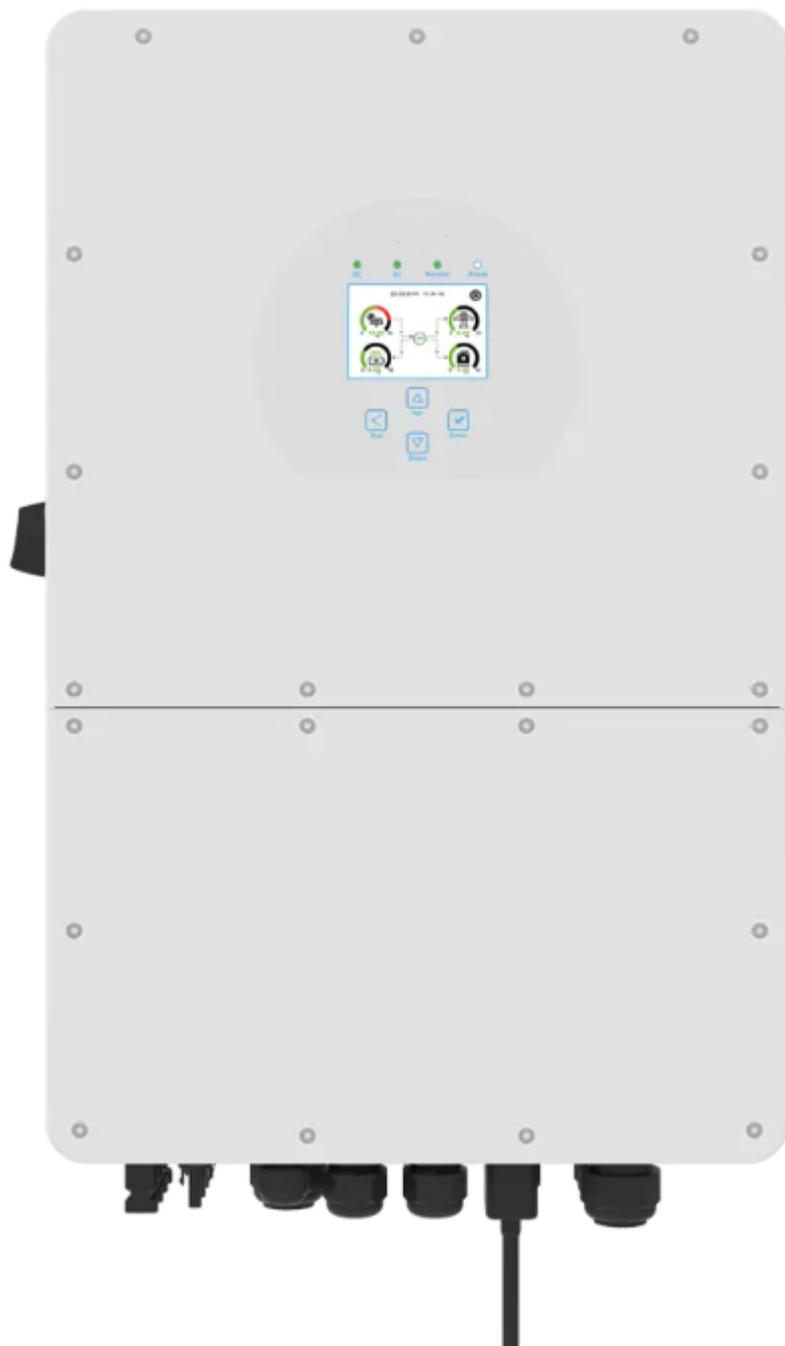


# HV-20-3P-01

(Deye SUN-20K-SG01HP3-EU-AM2)



|              |  |
|--------------|--|
| Order code:  | <b>HV-20-3P-01</b>                       |
| Description: | High voltage hybrid inverter-three phase |
| Mounting:    | Wall                                     |

## Technical specification

### AC output data

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Rated output power of AC and UPS (W): | 20000                             |
| Rated AC Input/Output current(A) :    | 30.4/29                           |
| Max AC Input/Output current(A):       | 33.4/31.9                         |
| Output frequency and voltage:         | 50/60Hz; 230Vac/400Vac (3 phases) |

### PV input data

|                         |       |
|-------------------------|-------|
| Max DC input power (W): | 48000 |
| PV input voltage (V):   | 1000  |
| Starting voltage (V):   | 180   |
| PV input current (A):   | 26+26 |

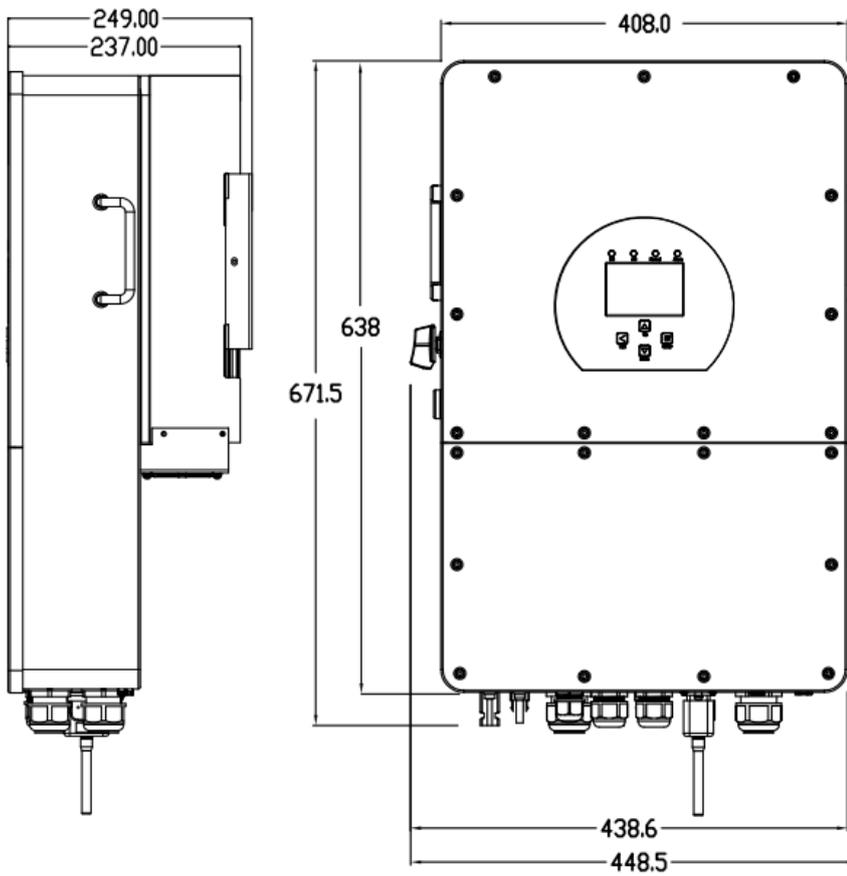
### Connected battery input data

|                              |         |
|------------------------------|---------|
| Battery voltage range (V):   | 160-700 |
| Max charging current (A):    | 37      |
| Max discharging current (A): | 37      |

### General technical data

|                            |            |
|----------------------------|------------|
| Working temperature (°C):  | -40 ~ 60   |
| Communication with BMS:    | RS485, CAN |
| Weight (kg):               | 30.5       |
| Degree of protection (IP): | IP65       |

## Dimensions



## Certificate

[hybridinverter\\_eudeclaration-sun-5-25k-sg01hp3-eu-am2\\_231011005.pdf](#)