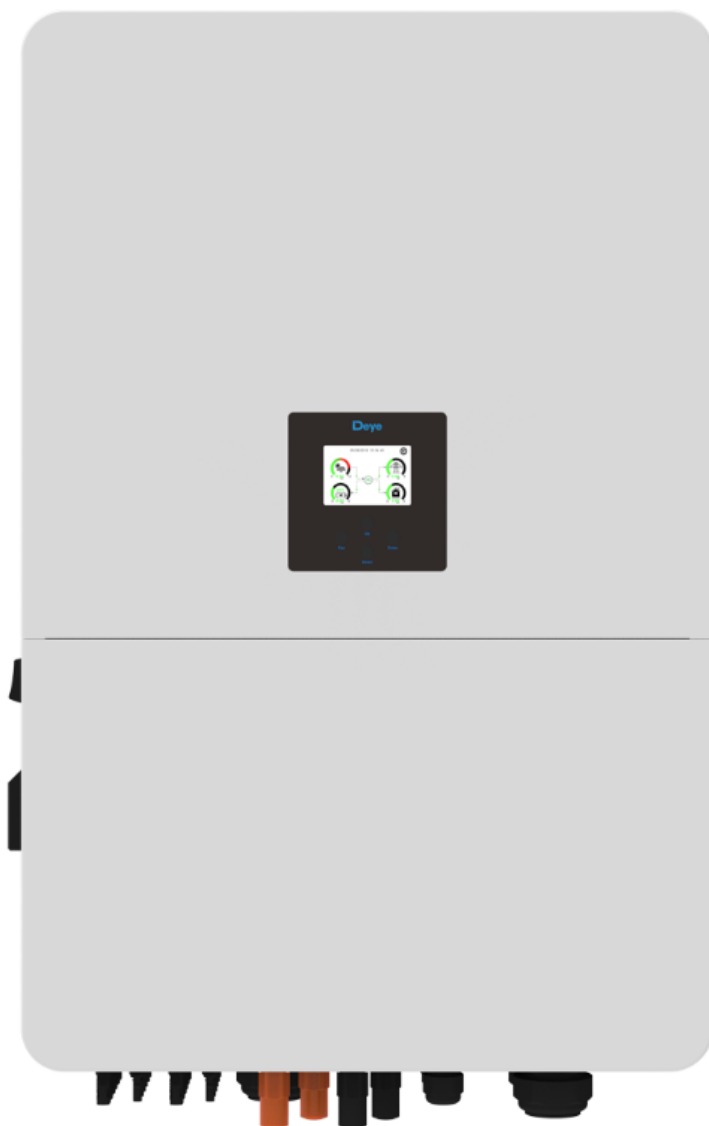


# HV-80-3P-01

(Deye SUN-80K-SG02HP3-EU-EM6)



|              |                                          |
|--------------|------------------------------------------|
| Order code:  | <b>HV-80-3P-01</b>                       |
| Description: | High voltage hybrid inverter-three phase |
| Mounting:    | Wall                                     |

## Technical specification

### AC output data

|                                       |             |
|---------------------------------------|-------------|
| Rated output power of AC and UPS (W): | 80000       |
| Rated AC Input/Output current(A) :    | 121.3/115.9 |

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Max AC Input/Output current [A]: | 133.4/127.6                       |
| Output frequency and voltage:    | 50/60Hz; 230Vac/400Vac (3 phases) |

**PV input data**

|                         |                   |
|-------------------------|-------------------|
| Max DC input power (W): | 128000            |
| PV input voltage (V):   | 1000              |
| Starting voltage (V):   | 180               |
| PV input current (A):   | 36+36+36+36+36+36 |

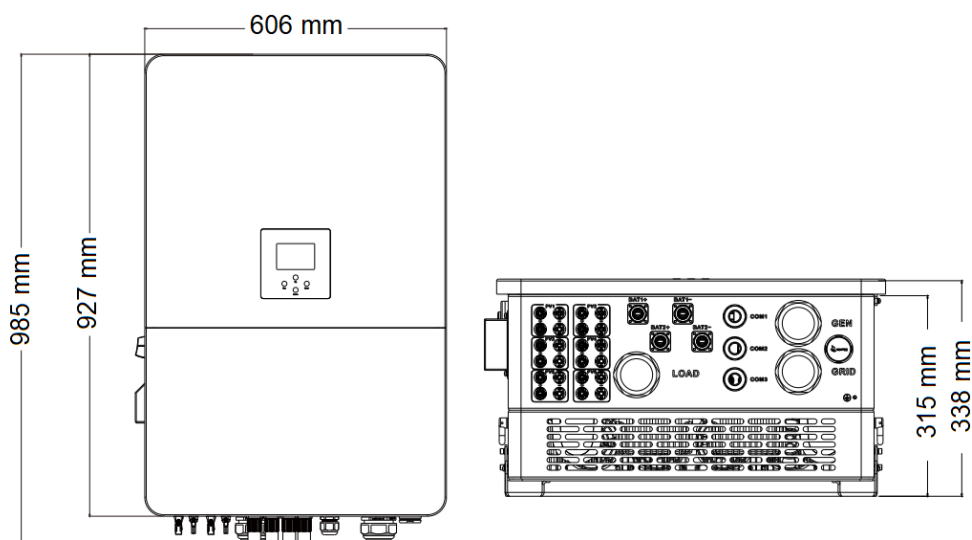
**Connected battery input data**

|                              |          |
|------------------------------|----------|
| Battery voltage range (V):   | 160-1000 |
| Max charging current (A):    | 80+80    |
| Max discharging current (A): | 80+80    |

**General technical data**

|                            |                   |
|----------------------------|-------------------|
| Working temperature (°C):  | -40 ~ 60          |
| Communication with BMS:    | RS485, RS232, CAN |
| Weight (kg):               | 97,5              |
| Degree of protection (IP): | IP65              |

## Dimensions



## Certificate

[hybridinverter\\_eudeclaration-sun-60-80k-sg02hp3-eu-em6\\_250217001.pdf](#)