



Inverter Corab Encor

17k/20k/30k

- Maximum efficiency of up to 98.5%
- Extremely wide MPPT voltage range and low starting voltage
- Possibility of oversizing by up to 150%
- Built-in shadow tracking function
- Built-in DC surge protector
- Safe for outdoor installation - protection of IP66
- Control of energy outflow to the grid
- Possibility to connect high power modules thanks to max. input current of 16A DC

| | CE 17k | CE 20k | CE 30k |
|---|--|---------|----------|
| GENERAL DATA | | | |
| Maximum efficiency [%] | 98,30 | | 98,50 |
| European efficiency [%] | 97,80 | | 98,00 |
| Night-time power consumption [W] | | <3 | |
| Enclosure protection | | IP66 | |
| Operating temp. range/Storage temp. [°C] | -30~+60 (reduction in efficiency above 45) | | |
| Max. operating altitude above sea level [m] | 3000 | | |
| Relative humidity [%] | 0~100 | | |
| Noise emission [dB] | <55 | | <58 |
| Maximum dimensions (H x W x D) [mm] | 417x482x181 | | |
| Net weight [kg] | 26 | | 28 |
| Cooling | Fan | | |
| Communication | RS-485, DRMs, USB, Wi-Fi, LAN (option), 4G (option) | | |
| Quantity per pallet | 24 | | |
| DC INPUT | | | |
| Max. input power [Wp] | 25500 | 30000 | 45000 |
| Max. DC voltage [V] | | 1100 | |
| Starting voltage [V] | | 200 | |
| Nominal input voltage [V] | | 650 | |
| MPPT voltage range [V] | | 160~980 | |
| MTTP/String | 2/2 | | 3/2 |
| Max. operating current [A] | 32/32 | | 32/32/32 |
| Max. short-circuit current [A] | 40/40 | | 40/40/40 |
| AC OUTPUT | | | |
| Nominal AC output power [W] | 17000 | 20000 | 30000 |
| Nominal AC output current [A] | 25,8 | 30,3 | 45,5 |
| Max. Apparent AC Output Power [VA] | 18700 | 22000 | 30000 |
| Max. AC output current [A] | 27,5 | 33,6 | 45,5 |
| Nominal AC voltage [V] | 220/380, 230/400, 3/N/PE | | |
| Nominal AC frequency [Hz] | 50/60 | | |
| Power factor adjustment range | leading to 0,8 lagging | | |
| THD harmonic content factor [%] | <3 | | |
| PROTECTIONS | | | |
| Under/over voltage protection | YES | | |
| DC insulation monitoring | YES | | |
| AC network monitoring | YES | | |
| DC pulse monitoring | YES | | |
| Leakage current monitoring | YES | | |
| Protection against islanding operation | YES | | |
| Over-temperature protection | YES | | |
| DC/AC surge protector | Type II/Type II | | |
| SAFETY | | | |
| Directives, regulations, standards | LVD 2014/35/EU, EMC 2014/30/UE, 2016/631 (kodeks NC RfG), PN-EN 50549-1:2019-2 | | |