



Inverter Corab Encor

17k/20k/30k

The product is sold in a set with a WiFi communication module and a meter CHINT DTSU666-CT.

- 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
- Production and consumption monitoring are a standard solution thanks to our proprietary app Corab One

Choose reliable products

Encor is a combination of **ENergy** coming from the sun with experience and emphasis on high quality of Corab company. It is a dedicated brand of **CORab** devices made on special order. This is a result of cooperation between the company and installers in response to their expectations. The whole production process takes place under careful supervision by Corab – from specification to quality control. Encor devices are made with the utmost care. In terms of aesthetics, they will satisfy even the most demanding investors. Numerous tests and examinations confirm the high quality and compliance with the binding standards.

▼
Built from the best components

▼
Reliable Polish warranty

▼
Corab One original monitoring

▼
Production and consumption monitoring

▼
Dedicated door-to-door service

	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]	485x418x180		
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	
MTPP/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		