



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	
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	