

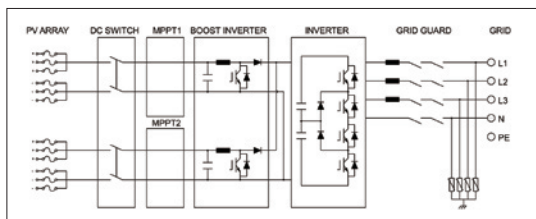
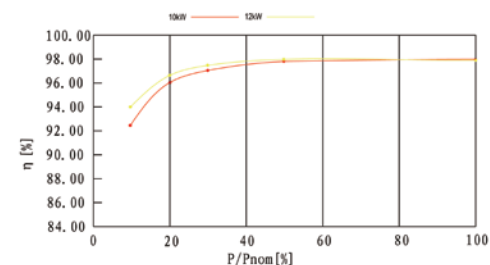
EHE-N10KTL N12KTL

PV Grid-connected Inverter

Product Features

- Adopting three-level technology and efficiency rating of up to 98.1%
- Electrolyte-free power converter to further increase the life expectancy
- Dual input sections with independent MPPT tracking and MPPT efficiency>99.9%
- High performance index within wide power range
- Advanced anti-islanding technology
- Perfect system protection,high reliability
- Intergrated DC isolation switch and string combiner (optional)
- Several communication interfaces,LCD display with several languages
- Programmable protective and running parameters
- Modular design,easy to install,operate and maintain
- Passed rigorous environmental test, suitable for inclement service applications
- IP65, suitable for outdoor installing

Efficiency curve/Electrical drawing



Technical Parameters

		N10KTL	N12KTL
PV side	Max. PV power	10400Wp	12500Wp
	Max. permitted DC Voltage		1000Vdc
	Input short-circuit current		2 × 23A
	Max. permitted DC current		2 × 18A
	MPPT number/Input points of each MPPT		2/3
	MPPT voltage range at full power	300 ~ 800Vdc	350 ~ 800Vdc
	PV Start Voltage		300Vdc
	MPPT efficiency		99.9%
Grid side	Max Inverter feedback Current to the Array		0A
	Rated output power	10kW	12kW
	Max.output current	15.2A	19A
	THD of grid current		<3%
	Power factor		>0.99(adj. ± 0.9)
	Max. efficiency	98.00%	98.00%
	European efficiency	97%	97.2%
	Output voltage		320 ~ 450Vac 3 ~
	Permitted grid frequency range		47.5 ~ 51.5Hz
	Nighttime power consumption		<1W
	Grid monitoring communication interface		According to VDE0126-1-1 guidelines RS485/Ethernet/USB/GPRS (optional)
	Man-machine interface		LCD
Environmental conditions and safety	Isolation		Transformerless
	Protection level		IP65
	Cooling		Air cooling
	Operating temperature range		-25 ~ +60°C (above 45°C need derate operating)
	Relative humidity range		15-95% (non condensing)
	Mounting altitude		2000m; above 2000m need derate operating
	Noise emissions		<50dB
Mechanical	Dimensions (W × H × D)		560 × 650 × 235 mm
	Weight	35kg	37kg

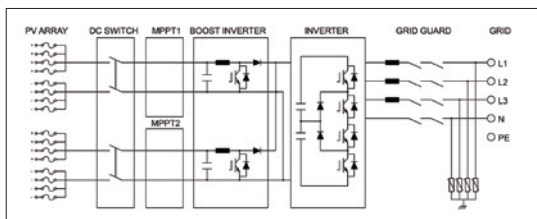
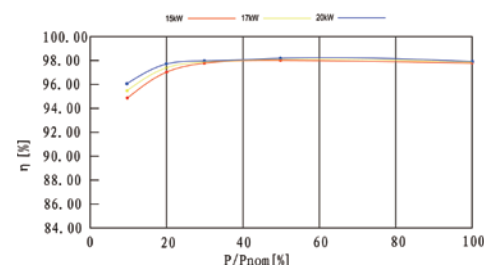
EHE-N15KTL N17KTL N20KTL

PV Grid-connected Inverter

Product Features

- Adopting three-level technology and efficiency rating of up to 98.1%
- Electrolyte-free power converter to further increase the life expectancy
- Dual input sections with independent MPPT tracking and MPPT efficiency>99.9%
- High performance index within wide power range
- Advanced anti-islanding technology
- Perfect system protection,high reliability
- Intergrated DC isolation switch and string combiner (optional)
- Several communication interfaces,LCD display with several languages
- Programmable protective and running parameters
- Modular design,easy to install,operate and maintain
- Passed rigorous environmental test, suitable for inclement service applications
- IP65, suitable for outdoor installing

Efficiency curve/Electrical drawing



Technical Parameters

		N15KTL	N17KTL	N20KTL
PV side	Max. PV power	15600Wp	17700Wp	20800Wp
	Max. permitted DC Voltage		1000Vdc	
	Input short-circuit current		2 × 30A	
	Max. permitted DC current		2 × 25A	
	MPPT number/Input points of each MPPT		2/4	
	MPPT voltage range at full power	330 ~ 800Vdc	350 ~ 800Vdc	410 ~ 800Vdc
	PV Start Voltage		300Vdc	
	MPPT efficiency		99.9%	
Grid side	Max Inverter feedback Current to the Array		0A	
	Rated output power	15kW	17kW	20kW
	Max.output current	23A	25A	30A
	THD of grid current		<3%	
	Power factor		>0.99(adj. ± 0.9)	
	Max. efficiency	98.10%	98.10%	98.10%
	European efficiency	97.4%	97.5%	97.7%
	Output voltage		320 ~ 450Vac 3 ~	
	Permitted grid frequency range		47.5 ~ 51.5Hz	
	Nighttime power consumption		<1W	
	Grid monitoring communication interface		According to VDE0126-1-1 guidelines RS485/Ethernet/USB/GPRS (optional)	
	Man-machine interface		LCD	
Environmental conditions and safety	Isolation		Transformerless	
	Protection level		IP65	
	Cooling		Air cooling	
	Operating temperature range		-25 ~ +60°C (above 45°C need derate operating)	
	Relative humidity range		15-95% (non condensing)	
	Mounting altitude		2000m; above 2000m need derate operating	
	Noise emissions		<50dB	
Mechanical	Dimensions (W × H × D)		650 × 700 × 235 mm	
	Weight	40kg	42kg	45kg