

EHE-N2KTL

PV Grid-connected Inverter

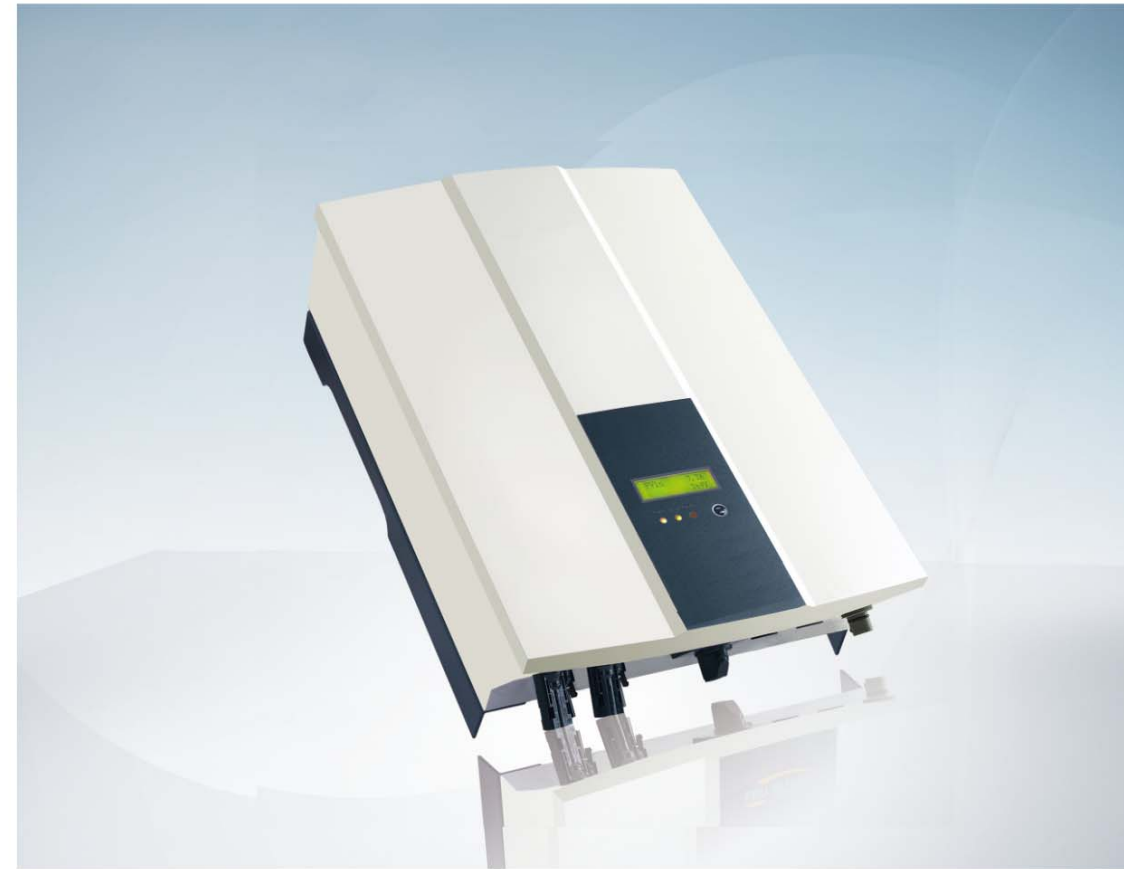
Product Features

- Highly efficient and stable components from internationally recognised brands
- Efficient thermal system design reduces risk of overheating, increasing lifespan
- Advanced MPPT (Maximum Power Point Tracking) algorithms – MPPT efficiency >99.9%
- High performance index with wide power range
- Anti-islanding technology
- Advanced, highly reliable system protection
- Built-in isolated transformer, suitable for varied PV applications
- LCD display with wide range of features and language options
- Easy to install, operate and maintain
- Passed multiple stringent performance tests
- Suitable for indoor and outdoor installations

Transformerless

Technical Parameters

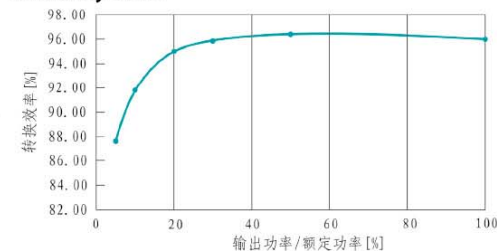
PV side	Max.PV power	2200Wp
	Max.permitted DC Voltage	520V
	Input short-circuit current	16.25A
	Max.permitted DC current	13A
	MPPT points	2
	String number	1
	MPPT range	125 ~ 450 Vdc
	PV Start Voltage	150
	MPPT voltage range	99.9%
	Max Inverter feedback Current to the Array	0A
	Grid side	Rated output power
Max.output current		10A
THD of grid current		<3%
Power factor		≥0.99
Max. efficiency		96.4%
European efficiency		95.4%
Output voltage		180 ~ 260 Vac
Permitted grid frequency range		47~51.5Hz
Standby power consumption		5W
Nighttime power consumption		0W
Grid monitoring		According to VDE0126-1-1 guidelines
Communication interface	RS485/Ethernet (optional) /GPRS (optional)	
Man-machine interface	LCD	
Environmental conditions and safety	Protection level	IP65
	Cooling	Natural cooling
	Operating temperature range	-25 ~ +60 C
	Relative humidity range	0~98%(non condensing)
	Mounting altitude	2000m;above 2000m need derate operating
	Noise emissions	<45dB@1m
Meet the standards	IEC 62103; EN 50178; IEC/EN 62109-1; IEC/EN 62109-2; IEC/EN61000-6-1:2007; IEC/EN61000-6-3:2007; IEC/EN61000-3-3 :2007; AS/NZS 3100: 2009; AS4777.2: 2005; AS4777.3: 2005;	
Mechanical	Dimensions (W × H × D)	300 × 400 × 200 (mm)
	Weight	14kg



• SAGET
• GEFÜHRT
• TÜV APPROVED

CE AS4777

Efficiency curve



Electrical drawing

