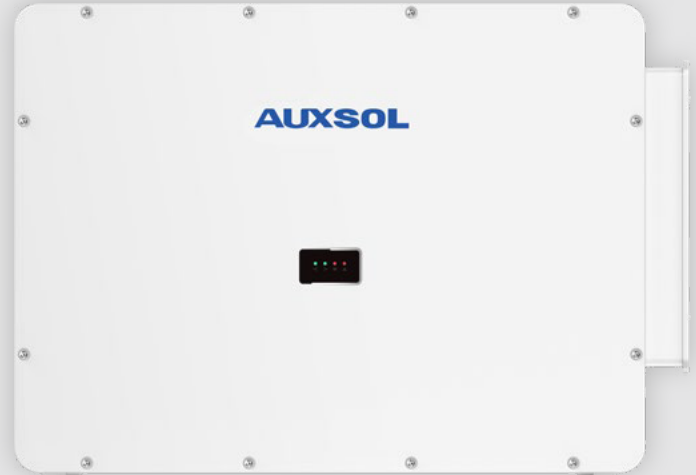


THREE PHASE ON-GRID INVERTER

ASN-(300-350)TLX-HV



KEY FEATURES



High Efficiency

- » Max. efficiency up to 99.80%,EU efficiency up to 98.80%
- » Output power up to 350kW,Including 6 MPPTs,75A per MPPT
- » Max. 30 strings, compatible to 182 and 210 series PV module



Smart

- » Supports I-V curve scanning, accurately identifying string anomalies
- » Adaptive SBF&SBR, Smart Self-cleaning Fan
- » Fault forecast and Discretenss Analysis, Online Mantenarve order Management



Safe & Reliable

- » Smart Connector-level Detection, Smart DC-Switch Disconnection
- » Smart Terminal-level Detection, Auto Safety Protection on AC Side
- » IP65 protection rating, C5-M anti-corrosion shell,adaptable to harsh operating environments



Economical & Cost-Saving

- » Supporting for weak power grids: SCR~1.1
- » Higher power quality, THDI<1.5%
- » Faster power response time; actives:<60ms;Reactives:<30ms
- » Q at night function, Auto reactive power Control According to Demand
- » Power line communication, High Speed & High Anti-interference PLC

AUX GROUP

Established in 1986, AUX Group is an enterprise which covers 5 industries. It ranked China's top 500 enterprises for consecutive years, 40000+ employees keep AUX fast development for recent years.

40 Years History	\$11.8 Billion Revenue in 2025	5 Business Industries
\$ 9.6 Billion Assets	500 China's Top	40000+ Employees

AUXSOL

WIN A GREEN FUTURE TOGETHER

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	ASN-300TLX-HV	ASN-320TLX-HV	ASN-330TLX-HV	ASN-350TLX-HV
PV INPUT				
Max. PV input power	450kW	480kW	480kW	500kW
Max. PV input voltage	1500V			
Rated PV input voltage	1080V			
Start-up voltage	520V			
MPPT voltage range	500-1500V			
Max. PV input current	6*75A			
Max. short circuit current	6*125A			
MPPT number/Max. input strings number	6/30			
AC OUTPUT				
Rated output power	300kW	320kW	330kW	350kW
Max. apparent output power	300kVA	320kVA	330kVA	350kVA
Rated output current	217A	231A	238A	254A
Rated output voltage	800V,3L/PE			
Rated output frequency/ frequency range	50Hz/60Hz (±5Hz)			
Power factor	>0.99 (0.8 leading ... 0.8 lagging)			
THDi	<1.5%			
EFFICIENCY				
MPPT efficiency	99.80%			
Max. efficiency	99.08%			
EU efficiency	98.80%			
PROTECTION				
Integrated DC switch	Yes			
DC reverse-polarity protection	Yes			
String monitoring	Yes			
Insulation impedance detection	Yes			
Residual leakage current detection	Yes			
Ground fault monitoring	Yes			
Short circuit protection	Yes			
Anti-islanding protection	Yes			
DC/AC surge protection	DC:Type II;AC:Type II			
PID recovery	Optional			
DC arc-fault circuit protection	Optional			
I/V curve scanning	Yes			
GENERAL				
Operating temperature range	-30...+60C			
Max. operation altitude	5000m (Derating above 4000m)			
Relative humidity	0-100%			
Cooling concept	Smart Fan Cooling			
Ingress protection	IP65			
Anti-corrosion grade	C5-M			
Topology	Transformerless			
Night self consumption	<6W			
Dimensions (W*H*D)	1128*808*351mm			
Weight	118kg			
COMMUNICATION				
Display	LED+Bluetooth+APP			
Communication	RS485,Optional:WIFI,4G,PLC			
CERTIFICATION				
Grid standards	EN 50549-1,IEC 61727/ 62116,IEC 61683,IEC 60068,IEE1547,UL1741, VDE 4105			
Safety/EMC	IEC/EN 62109-1/2,EN IEC61000-6-2/4,EN IEC 61000-3-11/12			