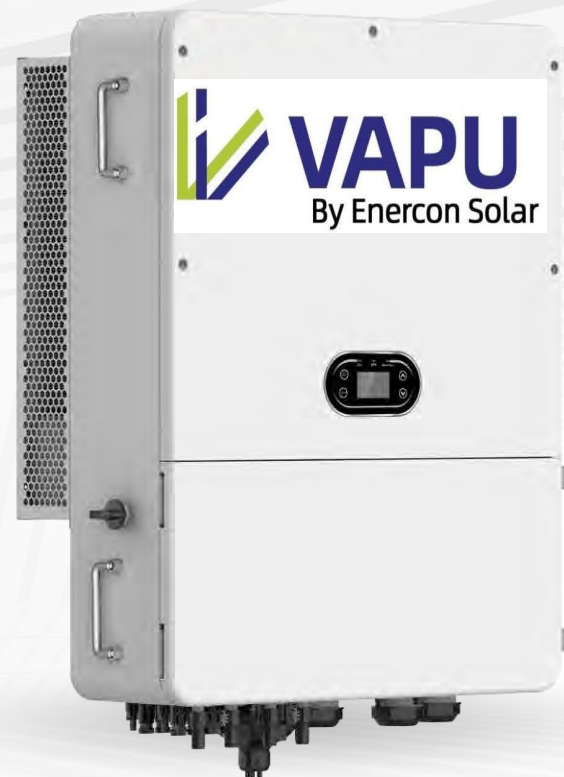


XD30-60KTR

Three Phase Hybrid Inverter



Commercial



**Efficient
Higher Revenue**

- 4 MPP Trackers, 150% DC input oversizing
- Max. PV input current 20A, compatible with high power PV modules
- Max. charge/discharge current 200A, 150% EPS peak output power



**Intelligent
Simple O&M**

- IP66 protection
- DC&AC Type II SPD: prevent lightning damage
- Smart I-V curve diagnosis function: locate PV string faults accurately and automatically detect faults



**Flexible
Abundant Configuration**

- Support optional AFCI function
- EPS switching under 10ms
- Support multi-inverters in parallel
- Standard generator interface, support for generator and smart load access

SPECIFICATION

	XD30KTR	XD40KTR	XD50KTR	XD60KTR
Input (PV)				
Max. Input Power	48000Wp	64000Wp	80000Wp	96000Wp
Max. Input Voltage			1100V	
Start-up Voltage			200V	
Rated Voltage			620V	
MPPT Voltage Range			180V-1000V	
Number of MPP Trackers			4	
Number of String per MPPT			8	
Max. Current per MPPT			4*40A	
Max. Short Circuit Current per MPPT			4*60A	
Output (On-Grid)				
Rated Output Power	30kW	40 kW	50 kW	60 kW
Max. Output Power	33kVA	44 kVA	55 kVA	66 kVA
Max. Output Current	50A	66.7 A	83.4 A	100 A
Max. Input Power from Grid	45kW	60 kW	75 kW	90 kW
Max. Input Current from Grid	68.4A	91 A	113.7A	136.4A
Rated Grid Voltage	3 / N / PE, 230 V / 400 Vac			
Rated Grid Frequency	50Hz / 60Hz			
THDi(@Rated Power)	<3%			
Power Factor	0.8 leading ~ 0.8 lagging			
Battery				
Battery Type	Lithium			
Battery Voltage Range	160V - 850V			
Max. Charge / Discharge Power	44kW		55kW	66kW
Max. Charge / Discharge Current	2*100A			
Communication	CAN / RS485			
Output (EPS)				
Rated Output Power	30kW	40kW	50kW	60kW
Peak Output Power, Time	1.5 times / 10s			
Max. Output Current	45.6A	60.7 A	75.8 A	91 A
Switch Time	<10ms			
Rated Voltage	3 / N / PE, 230V / 400Vac			
Rated Frequency	50Hz / 60Hz			
Max. AC passthrough current	150A			
THDv (@linear load)	<2%			
Output (Generator)				
Max. Output Power	30kW	40kW	50kW	60kW
Max. Output Current	45.6A	60.7A	75.8A	91 A
Rated Voltage	3 / N / PE, 230V / 400Vac			
Rated Frequency	50Hz / 60Hz			
Efficiency				
Max. Efficiency	98.40%			
European Efficiency	97.50%			
Battery Charge / Discharge Efficiency	97.50%			
Protection				
Protection	DC Switch, DC Reverse Polarity Protection, Anti-islanding Protection, AC Short Circuit Protection, Residual Current Monitoring, Ground Fault Monitoring, Over Current /Voltage Protection, Battery Active Function, I-V Curve Scan			
Surge Protection	Type II			
AFCI Protection	Optional			
General Data				
Display	LCD / LED			
Weight	92kg			
Dimension (W x H x D)	620 x 900 x 300 mm			
OperatingTemperature Range	-30 ~ +60°C			
Cooling Method	Smart Cooling			
Protection Degree	IP66			
Max. Operating Altitude	4000m			
Relative Humidity	0~95%			
Self-consumption	<15W			
Topology	Transformerless			