

AMO Tower

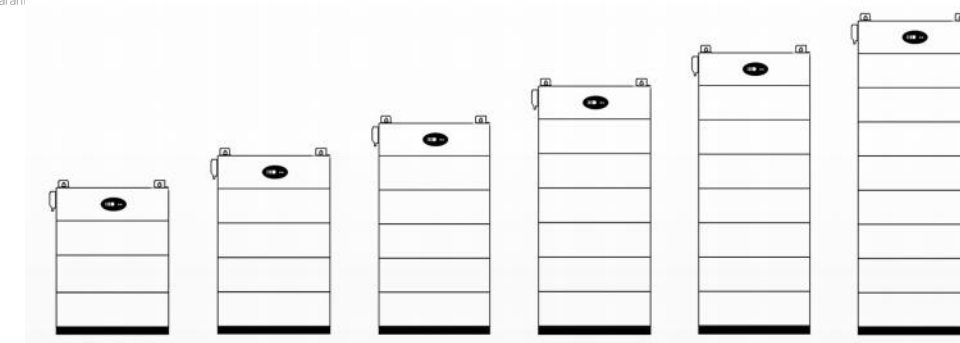
AMOSOLAR Battery Module

AMO 7.5K-T2/AMO 10K-T2/AMO 12.5K-T2/AMO 15K-T2/AMO 17.5K-T2/AMO 20K-T2

PERFORMANCE SPECIFICATIONS

Model	AMO 7.5K-T2	AMO 10K-T2	AMO 12.5K-T2	AMO 15K-T2	AMO 17.5K-T2	AMO 20K-T2
Nominal Voltage	144V	192V	240V	288V	336V	384V
Capacity(Ah)	52Ah					
Rated Energy(KWH)/Module	7.488KWH	9.984KWH	12.48KWH	14.976KWH	17.472KWH	19.968KWH
Usable Energy(KWH)/Module	6.739KWH	8.986KWH	11.232KWH	13.478KWH	15.725KWH	17.971KWH
Max. Charge/Discharge Current(A)	35A/35A					
Voltage Range(Vdc)	114.7V-159.7V	153V-213V	191.2V-266.2V	230V-319V	267.7V-372.7V	306V-426V
Scalability	Up to 1 parallel					
Communication	RS232-PC, RS485-Inverter, Can-Inverter					
Cycle Life	6000 Cycles @25 °C, 0.5C, 90%DOD, 60%EOL					
Weight(Approx) (KG)	84.5KG	109KG	133.5KG	158KG	182.5KG	207KG
Dimension(W/D/H)(mm)	606*220*730	606*220*900	606*220*1070	606*220*1240	606*220*1410	606*220*1580
Installation Mode	Stack					
IPGrade	IP65					
Safety(Pack)	UN38.3,MSDS					
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054					
Protection	BMS, Breaker					
Operating Temperature(°C)	Charge: 0 °C -55 °C ; Discharge: -20 °C -55 °C					
Altitude (m)	≤2000					
Humidity	≤95%(No Condensing)					
Warranty	5 Years(25 °C)					
Design Life	10+Years (25 °C /77F)					

*Text and images correspond to the current state of technology at the time of printing. Subject to modifications.
All information is without guarant



Smart O&M Check the APP to find data on your phone.Remote diagnosis and OTA.



Expansion Flexibility 2.5kWh modular design , Scalable from 7.5kWh to 20kWh.



Safe & Reliable Wider temperature range: -20°C-+55°C.IP65 protection class



Easy installation 24kg/52.9lb per battery box, easy to move and install. Quick connector between boxes, no cable connecting.



Perfect Compatibility Compatible to most high voltage inverters in the market



Safe & Reliable Lithium Iron Phosphate(LFP) cell only. BMS, fuse and aerosol kit are built in.



More Usable Energy 90% Depth of Discharge, more than 6000 cycles (0.5C, 25°C)