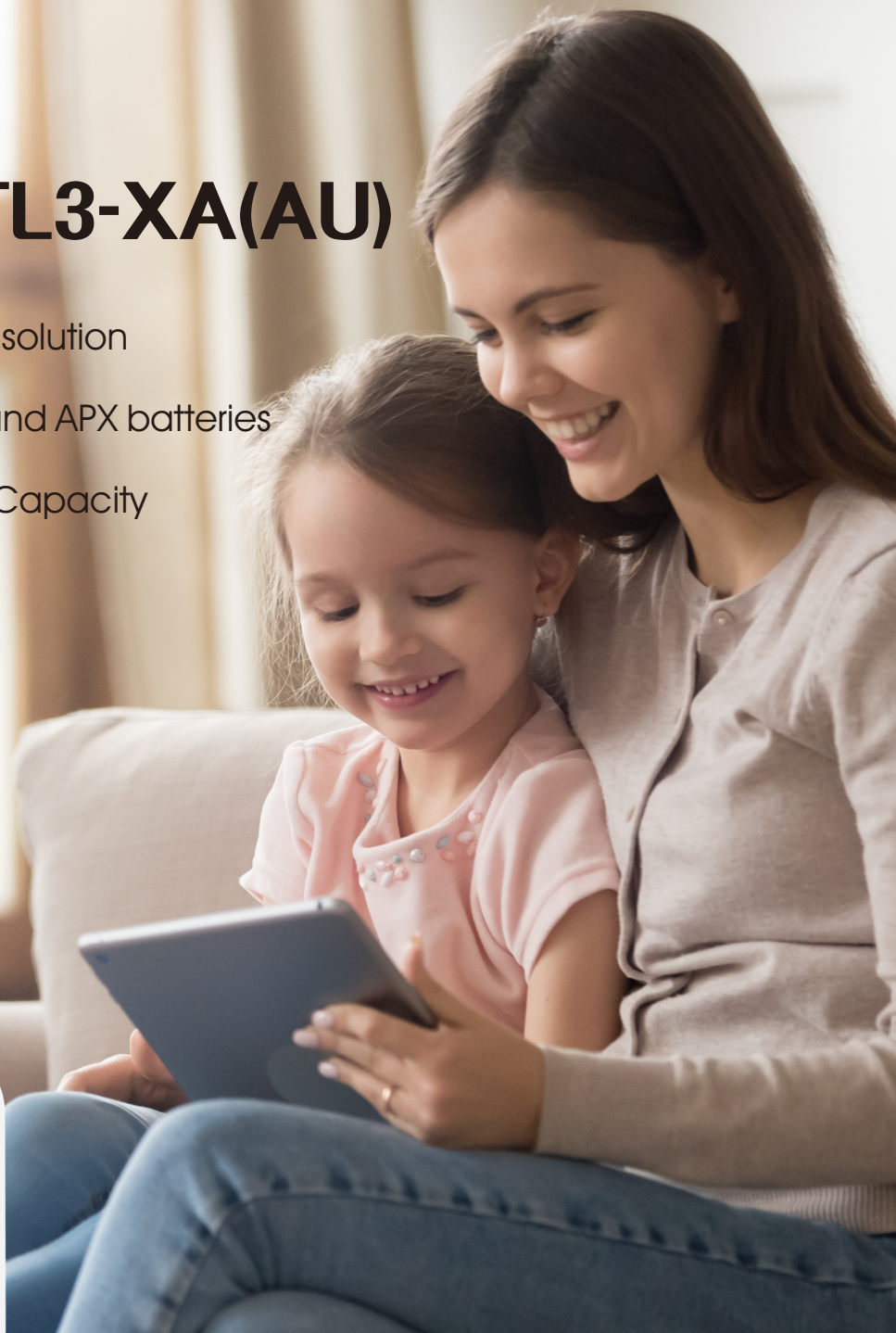


# MOD 3~10KTL3-XA(AU)

- Three-phase AC Coupled solution
- Compatible with ARK-XH and APX batteries
- 3-10K Charge/Discharge Capacity



P O W E R  
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Datasheet	MOD 3000TL3-XA	MOD 4000TL3-XA	MOD 5000TL3-XA	MOD 6000TL3-XA	MOD 7000TL3-XA	MOD 8000TL3-XA	MOD 9000TL3-XA	MOD 10KTL3-XA
<b>Input data (DC Battery)</b>								
Compatible battery	ARK-XH HV Battery (7.68kWh~25.6kWh)							
Operating voltage range	600 V~950 V							
Max.operating current	11A				18.5A			
Max.discharge power	3000W	4000W	5000W	6000W	7000W	8000W	9000W	10000W
Max.charge power	6000W				10000W			
<b>Output data (AC)</b>								
AC nominal power	3000W	4000W	5000W	6000W	7000W	8000W	9000W	10000W
Max AC discharge power	3000VA	4000VA	5000VA	6000VA	7000VA	8000VA	9000VA	10000VA
AC Charge power	3000W	4000W	5000W	6000W	7000W	8000W	9000W	10000W
Nominal AC voltage (range*)	220V/380V,230V/400V							
AC grid frequency (range*)	50/60 Hz (45-55Hz/55-65 Hz)							
Rated output current	4.3A	5.8A	7.2A	8.7A	10.1A	11.6A	13A	14.5A
Max.outputcurrent	4.5A	6.1A	7.6A	9.1A	10.6A	12.1A	13.6A	15.2A
Power factor	>0.99							
Adjustable power factor	0.8 lead... 0.8 lag							
THDI	<3%							
AC grid connection type	3W+N+PE							
<b>Efficiency</b>								
MAX. efficiency	98.3%	98.3%	98.3%	98.3%	98.6%	98.6%	98.6%	98.6%
<b>Protection devices</b>								
AC surge protection	Type II							
AC short-circuit protection	Yes							
Ground fault monitoring	Yes							
Grid monitoring	Yes							
Anti-islanding protection	Frequency Shift							
Residual current monitoring unit	Yes							
Overvoltage Category OVC(BAT/AC)	II / III							
Protective class	Class I							
<b>General data</b>								
Dimensions (W / H / D)	425/387/147mm	425/387/147mm	425/387/147mm	425/387/147mm	425/387/178mm	425/387/178mm	425/387/178mm	425/387/178mm
Weight	11.5kg	11.5kg	11.5kg	11.5kg	13kg	13kg	13kg	13kg
Operating temperature range	- 25°C ... +60°C							
Nighttime power consumption	< 5.5W							
Topology	Transformerless							
Cooling	Natural convection							
Protection degree	IP66							
Relative humidity	0~100%							
Altitude	4000m							
DC connection	H4/MC4(Optional)							
AC connection	Connector							
Display	OLED+LED/WIFI+APP							
Interfaces: USB/RS485/WIFI/GPRS/LAN/RF	Yes/Yes/Optional/Optional/Optional/Optional							
Place of production	Made in China							
CE, VDE0126, Greece, EN50549, C10/C11, VFR 2019, IEC62116, IEC61727, IEC 60068, IEC 61683, CEI0-21, N4105, TOR Erzeuger G98/G99, G100, AS4777, UNE217001, UNE206007, PO12.2								