

**BATTERY ENERGY STORAGE SYSTEM (BESS) &  
PHOTOVOLTAIC (PV) POWER CONVERSION EQUIPMENT**

NOMINAL BATTERY ENERGY	13.5 KW-HR
BATTERY TYPE	LI-ION
PROTECTIVE CLASS	CLASS I
ENCLOSURE TYPE	NEMA 3R
OPERATING TEMPERATURE RANGE	-20 C TO 50 C
DE-RATED TEMPERATURE RANGE	40 C TO 50 C
PV INVERTER TOPOLOGY	NON-ISOLATED
BESS INVERTER TOPOLOGY	ISOLATED
MASS	130 KG

**BATTERY ENERGY STORAGE SYSTEM (BESS) &  
PHOTOVOLTAIC (PV) SPECIFICATIONS**

NOMINAL GRID VOLTAGE INPUT&OUTPUT	240 V [AC]
GRID VOLTAGE RANGE	211 V - 264 V [AC]
PHASE	2W+N+PE
FREQUENCY	60 HZ
MAX SUPPLY FAULT CURRENT	10 KA [AC]
MAX CONTINUOUS OUTPUT CURRENT [POWER AT 240V]	<input type="checkbox"/> 24A [AC] [5.8 KVA] <input type="checkbox"/> 32A [AC] [7.7 KVA] <input type="checkbox"/> 40A [AC] [9.6 KVA] <input type="checkbox"/> 48A [AC] [11.5 KVA]
BESS MAX CONTINUOUS INPUT CURRENT	20.8 A [AC]
BESS MAX CONTINUOUS INPUT POWER	5 KVA
POWER FACTOR	-1 to +1
PV OPERATING DC INPUT VOLTAGE RANGE	60 - 550 V [DC]
PV OPERATING DC MPPT VOLTAGE RANGE	150 - 480 V [DC]
PV MAX SYSTEM VOLTAGE	600 V [DC]
PV MAX INPUT CURRENT	13 A (DC)
PV DC ARC FAULT PROTECTION	TYPE 1
CONF. TO UL Std 9540, UL Std 1741, UL Std 1973, UL Std 1699B	
CONTAINS FCC ID 2AEIM-WL18DBMOD, XMR2020BC95M2	
CONTAINS IC : 20098-WL18DMOD, 10224A-2020BC95M2	