

K4875M-X

AC Input

AC Input Rated Voltage	1 x 230V~
AC Input Voltage Range	180-265 VAC
AC Input Frequency	50/60Hz
Maximum AC Input Current	17,5A
Maximum Input Power	4050W
Power Factor (100% Load)	0.99
Efficiency (100% Load)	≥ 90%

DC Output

DC Output Voltage Range	48 to 68 VDC
Maximum Charge Current	75A
Battery Type	Lead acid (Wet/AGM/ GEL), Lithium Ion, Custom curve
Battery Capacity	From 480Ah to 720Ah

Environmental Conditions

Operating Temperature	-15°C ~ 55°C
Storage Temperature	-40°C ~ 65°C
Relative Humidity	5% ~ 95%
Maximum Operating Altitude	Below 2000m
Protection Degree	IP21 (Case) IP66 (Power Module)

Mechanical Design

LED Indicators	Battery LED on the front
AC Input Connector	Power cord 2m – 5Gx2.5mmq
DC Output Connector	3m, 25mmq
Weight	22 Kg
Dimensions (L x W x H)	CASE MTK3N-S 380x170x511mm
Cooling	Forced air Cooling
Charging lock function	Under request
CAN	Under request
Power supply 12V	Under request
EUW (Air pump)	Under request
LINK&CHARGE	Under request

Protection and Reliability

Output OV Protection	Yes	Charging Overtime Protection	Yes
Output OC Protection	Yes	Reverse Protection	Yes
Input OV/UV Protection	Yes	Input Fuse	Yes
Temperature Protection	Yes	Output Fuse	Yes

Approvals

Safety Marks	CE
Compliance	-
RoHS	Yes

Programming

Programming by ST-Link



- SoC LED
- Smart Charger
- Designed also for lithium battery

