

TECHNICAL DATA

MODEL	1 KVA	2 KVA	3 KVA
Capacity	900 W	1800 W	2700 W

INPUT

Nominal Voltage	208 / 220 / 230 / 240 Vac
Input Voltage Range	110 - 280 Vac
Frequency Range	40 - 70 Hz
Input Wiring	1Phase
Current Distortion (THDi)	≤0.6
Input Power Factor	≥0.99

OUTPUT

Nominal Output Voltage	208 / 220 / 230 / 240 / Vac
Output Wiring	1Phase
Voltage Regulation	±1%
Frequency Range	45 - 55 Hz or 55 - 65 Hz
Crest Factor	3:1
Voltage Distortion (THDv)	≤2% (Linear Load) ≤5% (Non-Linear Load)
Output Waveform	Sinusoidal
Overload Protection	100%~125% Load: 1 min 125%~150% Load: 30 s >150% Load: 300 ms
Efficiency	≥90% ≥91% ≥92%

BATTERY LINE

Internal Battery	12V-7AH12V-7AH	12V-9AH	12V-9AH12V-9AH
Nominal DC Voltage	24Vdc	48Vdc	72Vdc 96Vdc
Number of Internal Battery	2 2	4	6 8
Charging Current		1A	
Ambient Temperature		20~ 25°C	

USER INTERFACE

Display	LCD
Standard Communication Port	RS-232
Optional Communication Port	USB / RS485 / Dry Contacts / SNMP

GENERAL

Protection Degree	IP 20
Operating Temperature	0 ~40° C
Storage Temperature	-25 to 55 °C (Without Batteries)
Relative Humidity	0 - 95% (Non-Condensing)
Altitude	≤1000m above Sea Level
Noise at 1m Distance (dB)	50
Dimensions (WxHxD) mm	230x320x417 318x471x533 318x471x533 320x472x573
Weight (Kg)	10 10.5 19.5 29 36

STANDARDS

IEC/EN 61000-2-2, IEC/EN 61000-3-2, IEC/EN 61000-3-3
IEC/EN 61000-4-2, IEC/EN 61000-4-3, IEC/EN 61000-4-4
IEC/EN 61000-4-5, IEC/EN 61000-4-6, IEC/EN 61000-4-8, IEC/EN 61000-4-11
IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3

TECHNICAL DATA

MODEL	6 KVA	10 KVA
Capacity	5400 W	9000 W

INPUT

Nominal Voltage	208 / 220 / 230 / 240 Vac
Input Voltage Range	110 - 280 Vac
Frequency Range	40 - 70 Hz
Input Wiring	1Phase
Current Distortion (THDi)	≤0.6
Input Power Factor	≥0.99

OUTPUT

Output Power Factor	1Phase+N+PE
Nominal Output Voltage	208 (PF=0.9) / 220 / 230 / 240 Vac
Output Wiring	1Phase+N+PE
Voltage Regulation	±1%
Frequency Range	50 / 60 Hz
Crest Factor	3:1
Voltage Distortion (THDv)	≤1% (Linear Load) ≤4% (Non-Linear Load)
Output Waveform	Sinusoidal
Overload Protection	100%-110% Load : 10min 110%-125% Load : 1 min 126%-150% Load : 30s
Efficiency	≥94%

BATTERY LINE

Internal Battery	12V-7AH	12V-9AH
Nominal DC Voltage	192Vdc	
Number of Internal Battery	16	
Charging Current	1A	
Ambient Temperature	20~ 25°C	

USER INTERFACE

Display	LCD
Standard Communication Port	RS-232
Optional Communication Port	USB / RS485 / Dry Contacts / SNMP

GENERAL

Protection Degree	IP 20	
Operating Temperature	0 ~40° C	
Storage Temperature	-25 to 55 °C (Without Batteries)	
Relative Humidity	0 - 95% (Non-Condensing)	
Altitude	≤1000m above Sea Level	
Noise at 1m Distance (dB)	≤55	≤58
Dimensions (WxHxD) mm	310x941x654	310x941x 685
Weight (Kg)	61	70

STANDARDS

IEC/EN61000-2-2, IEC/EN61000-4-2, IEC/EN61000-4-3
IEC/EN61000-4-4, IEC/EN61000-4-5
IEC/EN62040-1, IEC/EN62040-2