

GREENRICH
LIGHT UP AFRICA

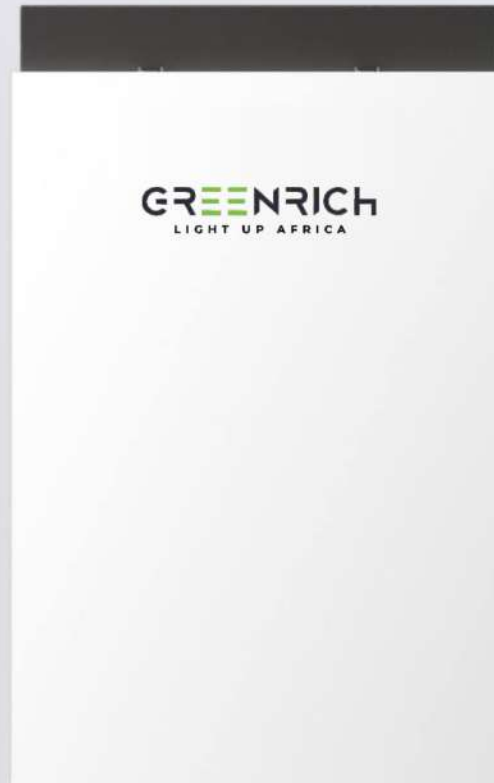
GR-(3-8)K1P-L-PRO

INVERTERS



It carries the overload

New PRO model provides solutions for demanding power scenarios



GR-(3-8)K1P-L-PRO

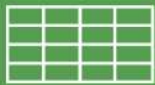
Greenrich Inverters

200%
Power Surge Overload

*10 Seconds

Smart App
Change Setting Remotely


Weather Proof
IP66 rating


150%
More Solar Power


Bluetooth


Black Start Button


INPUT DC (PV SIDE)	3KW	3.6KW	5KW	6KW	8KW
Recommended max. PV power	4.5kW	5.76 kW	8.1	9.6kW	12.8 kW
Max. input voltage	600V				
Rated voltage	90V				
Start-up voltage	90V				
MPPT voltage range	90-520V				
Max. input current	16A/ 16A				32A/20A
Max. short circuit current	24A/24A				36A/30A
MPPT number/Max. input strings number	2/2				2/3

BATTERY	3KW	3.6KW	5KW	6KW	8KW
Battery type	Li-ion/ Lead-acid				
Battery voltage range	40-60V				
Max. charge/ discharge power	3kW	3.6kW	5kW	6kW	8kW
Max. charge/ discharge current	70A	80A	112A	135A	190A
Communication	CAN/RS485				

OUTPUT AC (GRID SIDE)	3KW	3.6KW	5KW	6KW	8KW
Rated output power	3kW	3.6kW	5kW	6kW	8kW
Max. apparent output power	3.3 kVA	4 kVA	5.5 kVA	6.6 kVA	8.8 kVA
Operation phase	1/N/PE				
Rated grid voltage	220 V /230 V				
Rated grid frequency	50 Hz/ 60 Hz				
Rated grid output current	13.6A/13.0A	16.4 A/ 15.7 A	22.7 A/21.7 A	27.3A/26.1A	36.4 A/ 34.8 A
Max. output current	15A	20A	25A	30A	40A
Power factor	>0.99 (0.8 leading- 0.8 lagging)				
THDi	<2%				

INPUT AC (GRID SIDE)	3KW	3.6KW	5KW	6KW	8KW
Input voltage range	187-253 V				
Max. input current	20A	25A	32A	40A	50A
Frequency range	45-55 Hz/ 55-65 Hz				