

SunSac

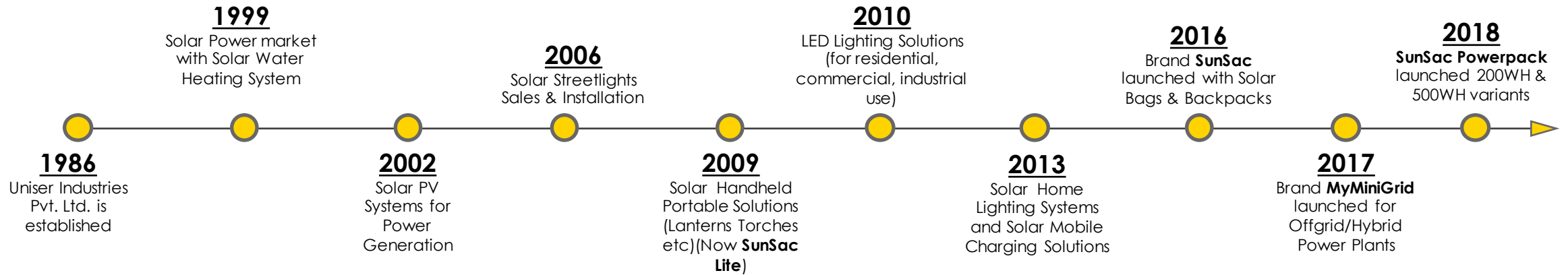
SOLAR · CHARGE · GO

POWERPACK



DESIGNED & DEVELOPED BY
UNISER
INDUSTRIES PVT. LTD.

COMPANY PROFILE



Registered Company :

UNISER INDUSTRIES PVT. LTD.

Complete LED Lighting & Solar Power Solutions

INTRODUCTION

INTRODUCING

SunSac

SOLAR • CHARGE • GO

POWERPACK

YOUR ALL-IN-ONE **SOLUTION** FOR YOUR **POWER** NEEDS!



POWERPACK VARIANTS



SunSac

SOLAR·CHARGE·GO

POWERPACK 200

SunSac

SOLAR·CHARGE·GO

POWERPACK 500

APPLICATION AREAS

SunSac Powerpack comes in handy for use across various industries;



MILITARY



DISASTER RELIEF



MEDICAL AID



MINING



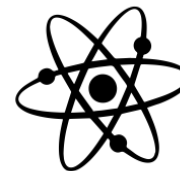
EXPLORATION



TOURISM



MEDIA



SCIENCE &
RESEARCH



PLACES LACKING POWER

DIMENSIONS & WEIGHT



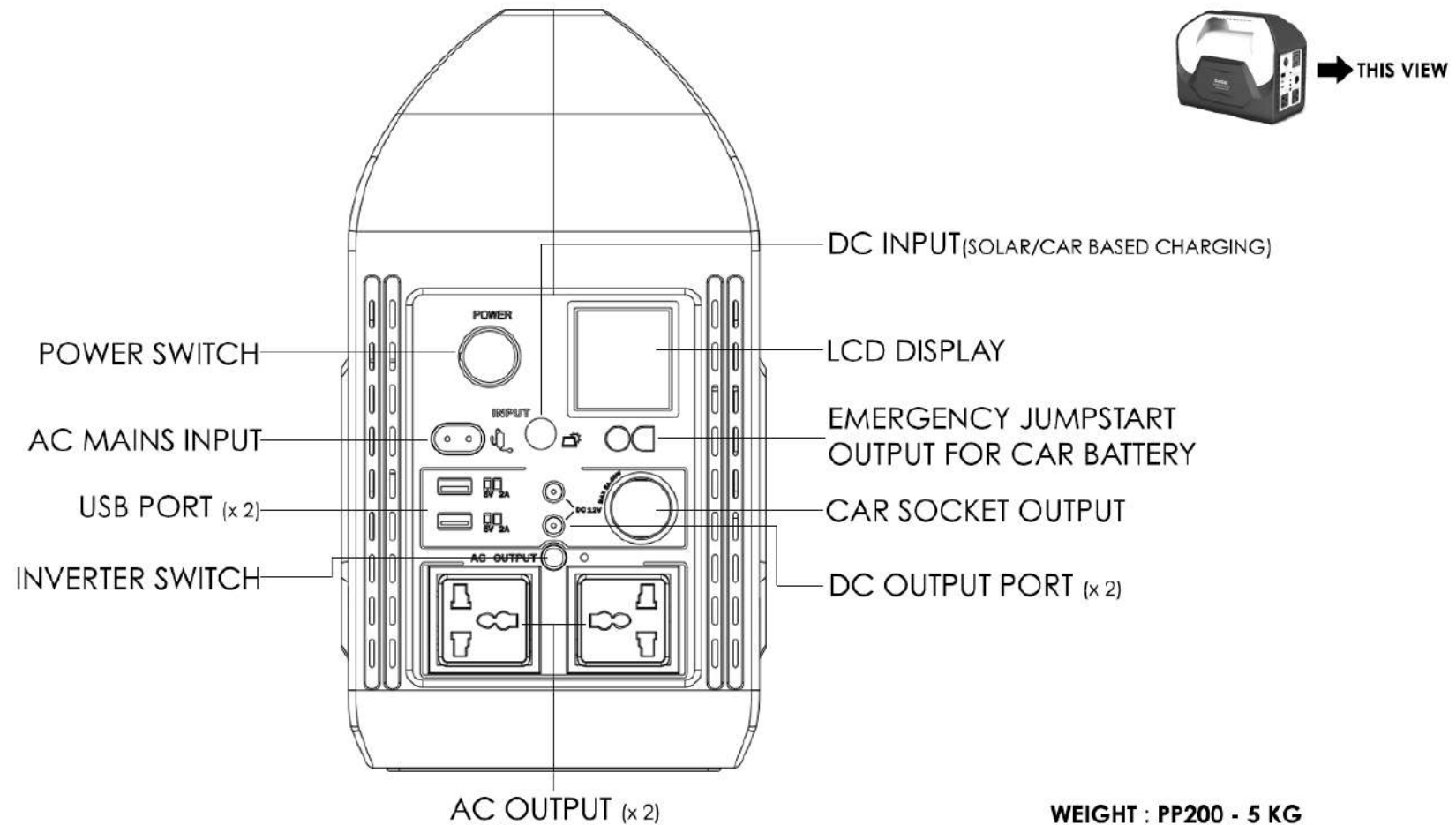
WEIGHT

PP200 : 5 KG

PP500 : 8.5 KG

SCHEMATIC VIEWS

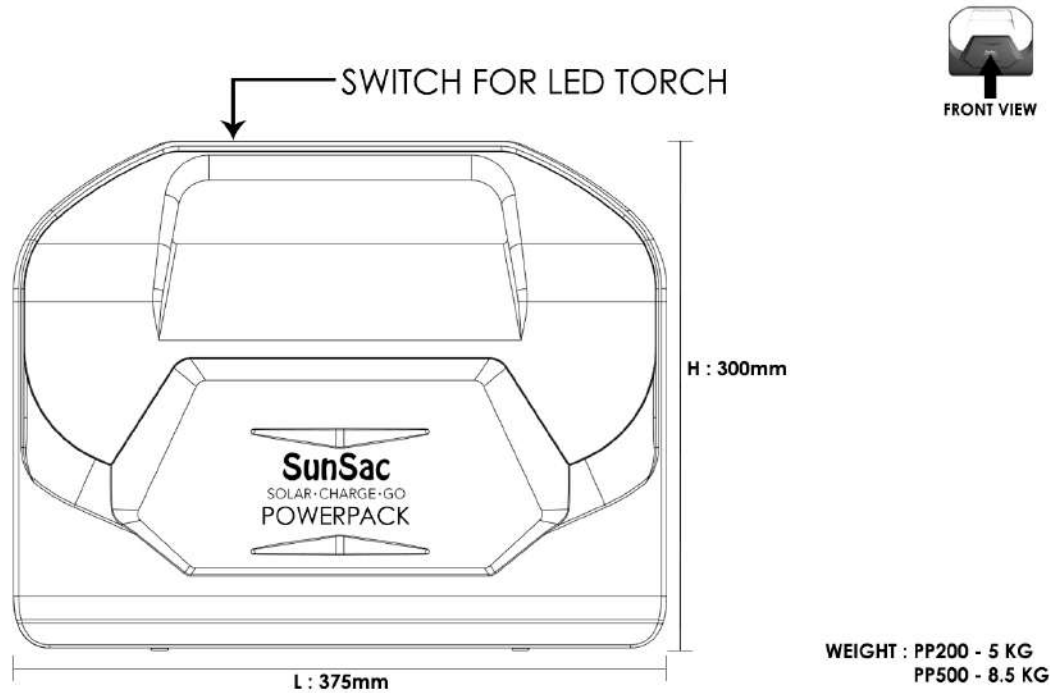
SCHEMATIC DIAGRAM OF **POWERPACK** - **SIDE VIEW** (INPUT/OUTPUT SOCKETS)



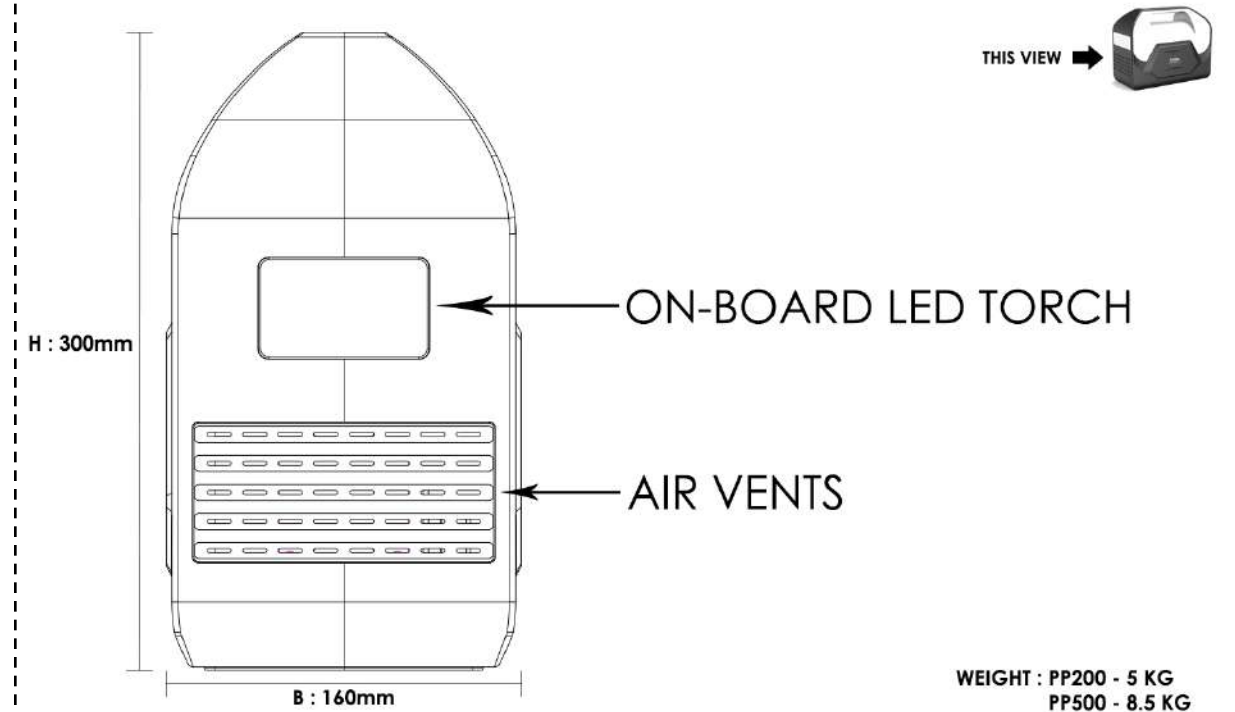
WEIGHT : PP200 - 5 KG
PP500 - 8.5 KG

SCHEMATIC VIEWS

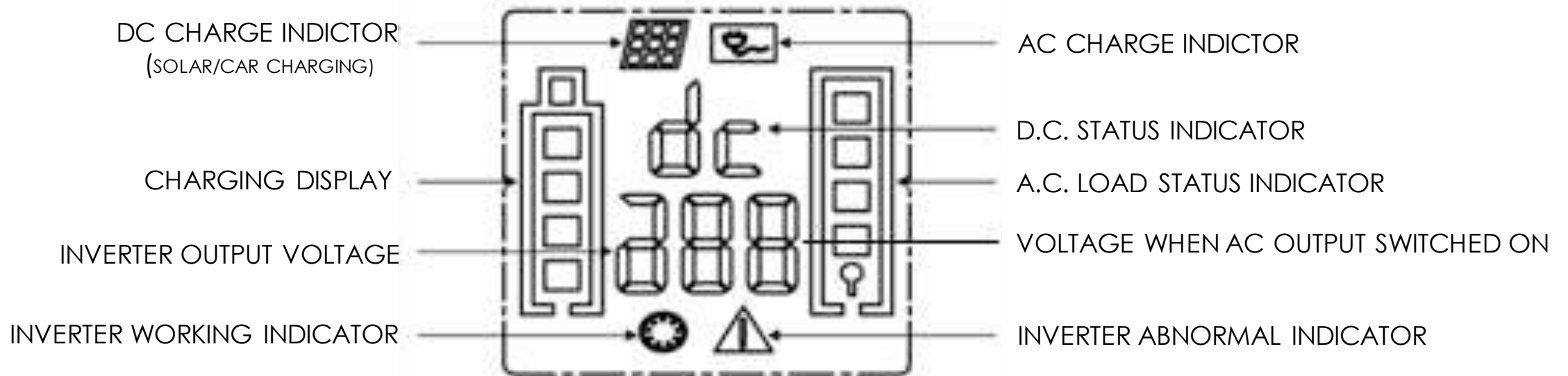
SCHEMATIC DIAGRAM OF **POWERPACK - FRONT VIEW**



SCHEMATIC DIAGRAM OF **POWERPACK - SIDE VIEW (TORCH)**



SCHEMATIC VIEWS OF LCD DISPLAY

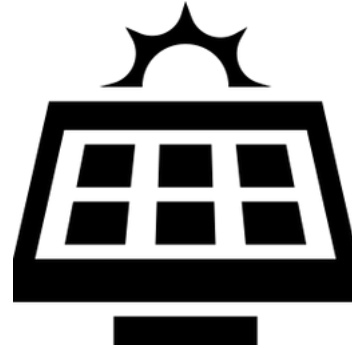


CHARGING THE POWERPACK

SunSac Powerpack can be simply charged by 3 ways;



AC MAINS



SOLAR PANEL



**CAR CHARGING
SOCKET**

USE SOLAR CHARGING CABLE
AND CONNECT TO DC INPUT

18V DC

USE AC CHARGING
CABLE AND CONNECT
TO AC INPUT

110V/220V AC

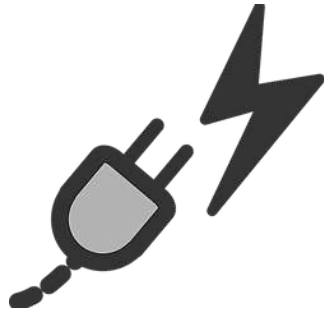
USE CAR CHARGING
CABLE AND CONNECT
TO DC INPUT

12V DC



CHARGING TIME USING **A.C. MAINS** **AND CAR CHARGER SOCKET**

WHEN CHARGED THROUGH **A.C. MAINS**



CHARGE IT THROUGH ANY ELECTRICITY GRID
SUPPLY WALL SOCKET OF WITH 110V OR 220V
MAINS SUPPLY

CHARGING TIME
~ 2 - 3 HRS

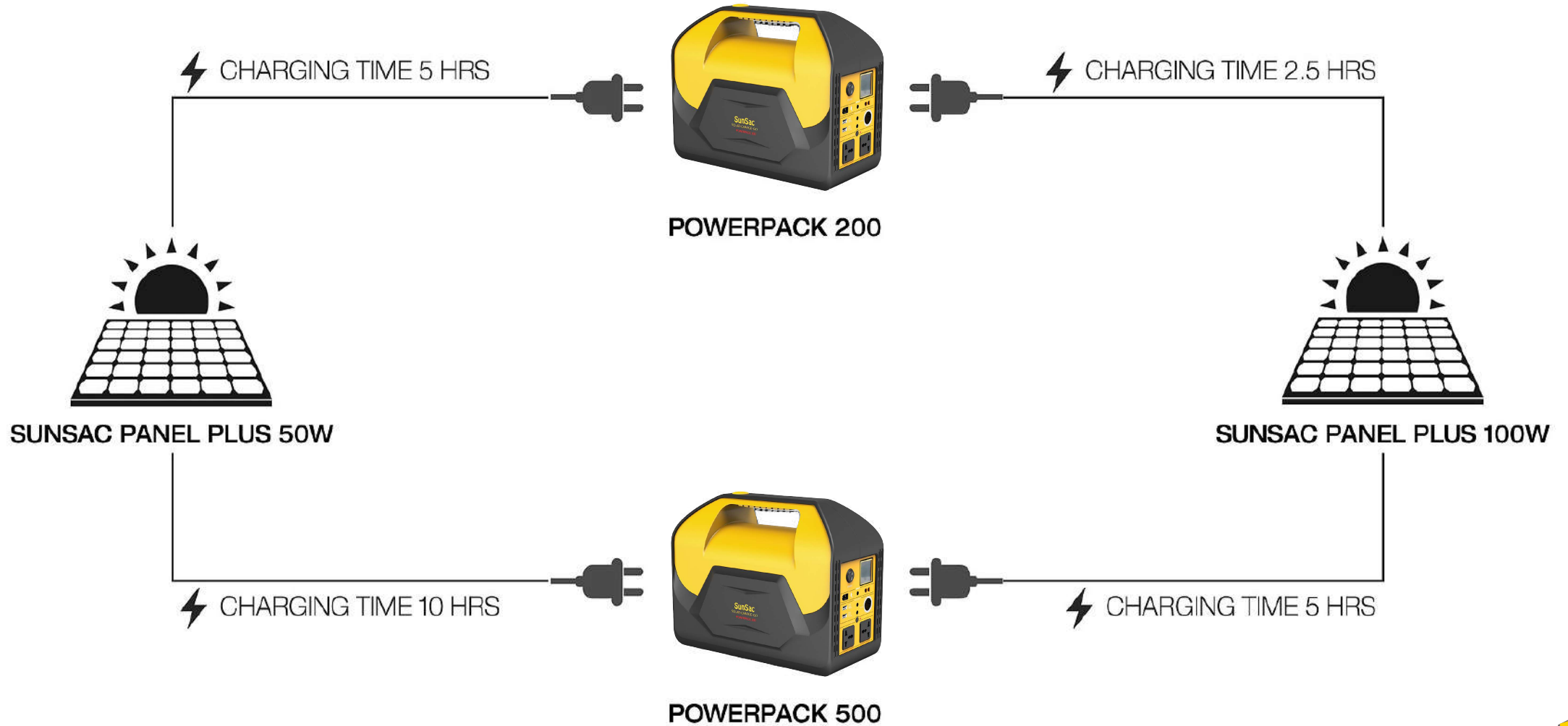
WHEN CHARGED THROUGH **CAR**



THROUGH 12V DC CAR CHARGER SOCKET

CHARGING TIME
~ 7 - 8 HRS

SOLAR CHARGING TIME



SUNSAC SOLAR PANEL

SunSac Powerpack can be charged using these available **Solar Panels**;

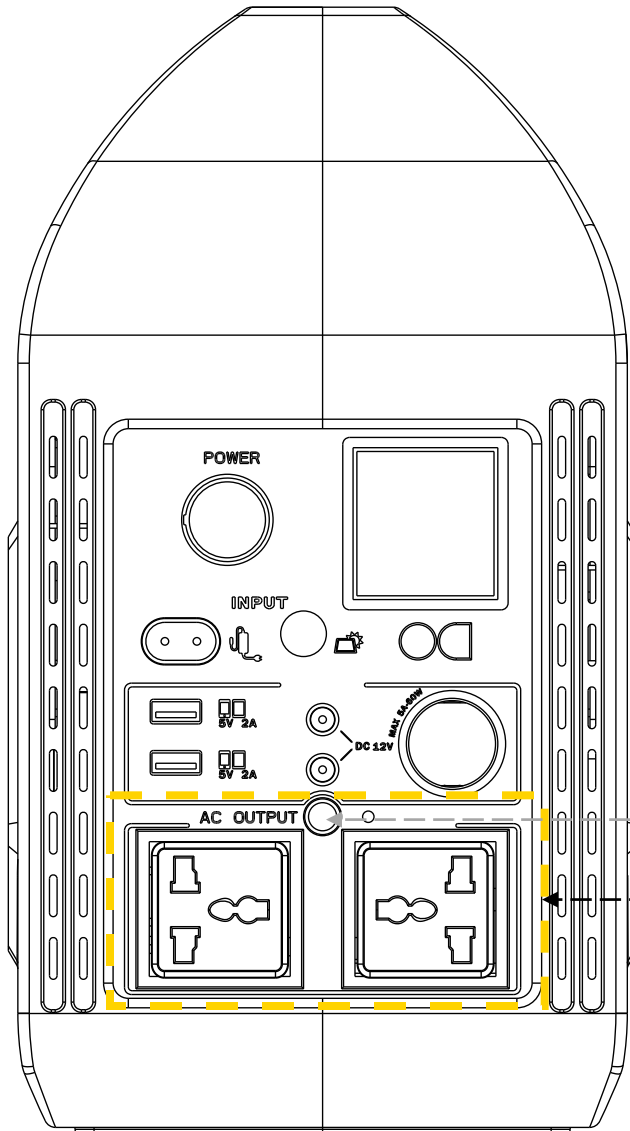


STRONG+



FOLDPRO

USING THE POWERPACK FOR 220V AC DEVICES



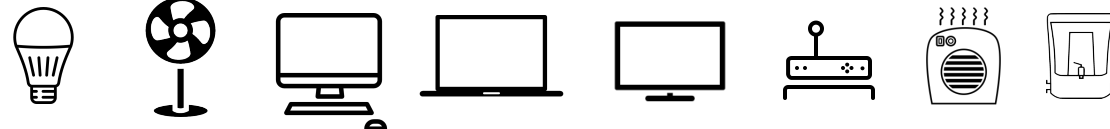
TWO 220V AC SOCKETS

1. PLEASE PUSH THE INVERTER BUTTON **ON** TO USE 220V AC SOCKETS

2. CONNECT AC DEVICES TO THE AC SOCKETS.

3. CHECK FOR RELEVANT DATA ON THE LCD SCREEN

DAILY A.C. (110/220V) APPLIANCES THAT CAN BE POWERED USING POWERPACK – LED LIGHTS, TOWER FANS, LAPTOPS, COMPUTERS, TV, STB, SMALL HEATERS/COOLERS, WATER PURIFIERS AND MANY MORE



(and other such essential appliances)

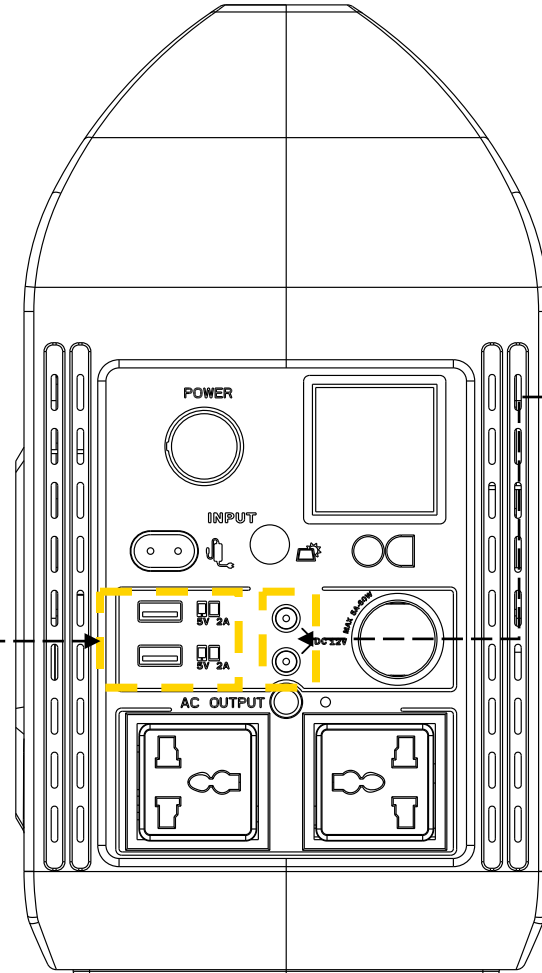
USING THE POWERPACK FOR 5V USB & 12V DC DEVICES

TWO 5V 2A USB PORTS

POWER USB BASED DEVICES LIKE MOBILE PHONES, TABLETS, POWER BANKS, SPEAKERS, CAMERAS, USB TORCH, BEARD TRIMMERS ETC



(and other such essential accessories)



TWO 12V DC OUTPUT PORT

POWER 12V DC BASED DEVICES LIKE LIGHT BULBS, LANTERNS, TABLE FAN ETC



(and other such essential appliances)

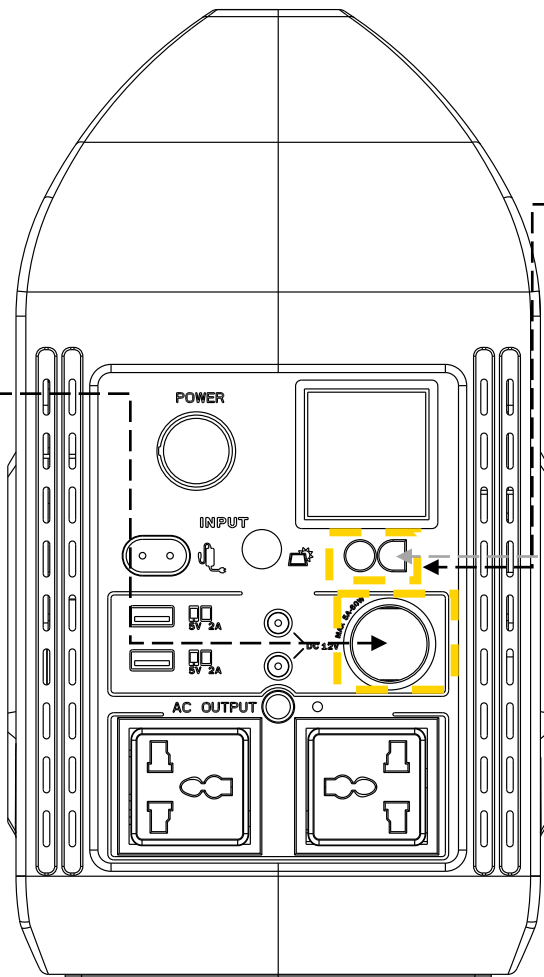
USING THE POWERPACK FOR CAR OUTPUT SOCKET AND EMERGENCY JUMP START

12V DC CAR SOCKET OUTPUT

USE CAR SOCKET OUTPUT (CIGARETTE LIGHTER SOCKET) BASED DEVICES LIKE MOBILE CHARGER, MINI COOLERS, LAPTOP CHARGER ETC



(and other such essential appliances that can be charged through car socket)

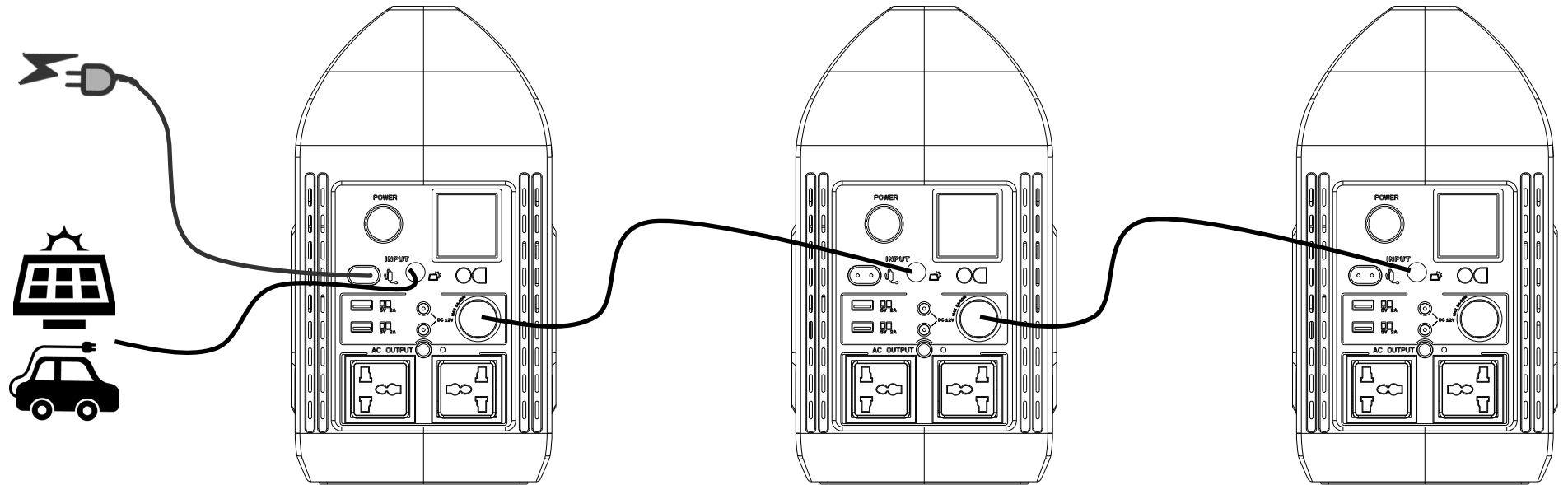


EMERGENCY CAR JUMPSTART

1. PLEASE TURN OFF YOUR CAR AND KEEP IN STATIONERY POSITION
2. CONNECT ONE END OF THE JUMP STARTER CABLE TO THE **EC5** INPUT OF THE POWERPACK AND THE OTHER END (CLAMPS) TO THE CAR BATTERY
3. ENSURE THAT THE CONNECTION IS FIRM
4. SWITCH **ON** THE POWERPACK AND START THE CAR AFTER 5 SECONDS
5. AFTER THE SUCCESS OF THE JUMPSTART, PLEASE REMOVE JUMPSTART CABLE

LINKING POWERPACKS (SCALABILITY)

BUY ONE
CONNECT MANY



DAISY CHAINING POWERPACKs

A number of SunSac Powerpacks can be connected in daisy chain to be used to power more number of devices. Connect One Powerpack to many Powerpacks by connecting the Output of Powerpack to input of another. You can connect AC Output to AC Input and DC Output to DC Input to successfully connect many Powerpacks. Thus you can charge number of Powerpacks simultaneously while powering several devices.

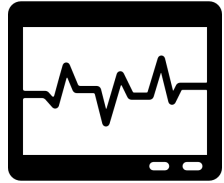
TECHNICAL SPECIFICATIONS

No.	Parameter	Description
1	Continuous Output Power	200W / 500W
2	Peak Output Power	500W / 1000W
3	Output Voltage	AC Corrective/ Pure Sine Wave 220V/50HZ or AC100V-240V AC DC 12V 20A, 5V 2A
4	Discharge Waveform	Corrective/ Pure Sine Wave
5	Battery Model	3.2V 3000mAh
6	Battery Capacity	15AH 12.8V / 39AH 12.8V
7	Battery Type	LiFePO4 Battery
9	Charging Time	2 ~ 8 Hours (depending on method of charging selected)
10	Charging Voltage and Current	DC(for car based charging) 12.6~18V 20A; Solar Energy 18V; AC 100~240V
11	Protection Function	Over-Voltage, Low-Voltage, Over Temperature, Overload and AC Short Circuit Protection
12	LED Lighting on Board	3W
13	Tested Working Temperature	-20degC ~ 60degC
14	Shell Material	ABS + PC Plastic
15	Dimension of Powerpack	L: 375mm B: 160mm H: 300mm
16	Weight of Powerpack (PP200 / PP500)	5 kg / 8.5kg
17	Product Code	UNI-KS-PP-200 / UNI-KS-PP-500

NOTE : SunSac Powerpack can also be made-to-order to any capacity lower than 500W for special orders

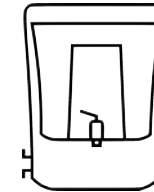
TYPICAL LOAD WORKING SIMULTANEOUSLY

SUGGESTED LOAD THAT CAN BE CONNECTED SIMULTANEOUSLY TO A **POWERPACK 500 ON FULL CHARGE**



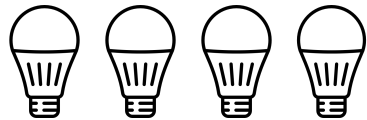
ECG MONITOR x 1

(Other such essential medical appliances)



WATER PURIFIER x 1

(Other such essential home appliances)



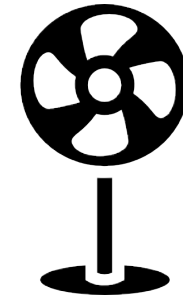
**LED BULB x 4
8 HOURS**



**MOBILE UNITS x 4
UNTIL FULL CHARGE**



**TV + SET TOP BOX
8 HOURS**



**DC FAN x 1
8 HOURS**

ACCESSORIES

Sr No.	Particular	Pcs
1	Solar Power Generator - Powerpack	1
2	AC Cable for Charging	1
3	Emergency Jumpstart Cable	1
4	Car Socket Cable for charging through car	1
5	One Solar Panel (STRONG+ / FOLDPRO) (if purchased & as per wattage/type selected) with charging cable	As per nos.
6	One Operating Instruction & Warranty Manual	1

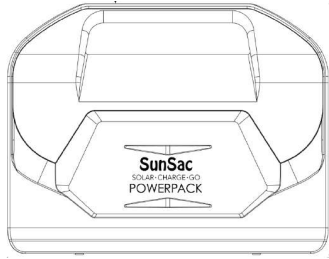
POWERPACK PROCOVER



PROCOVER CAN BE FOLDED IN VARIOUS WAYS FOR CARRYING SUNSAC POWERPACK TO SUIT YOUR CONVENIENCE



WARRANTY



Warranty of SunSac Powerpack : **2 YEARS***

* TERMS & CONDITIONS:

- Manufacturing defects are fully covered within warranty period.
- Your warranty does not cover external damages, functional defects due to improper usage, water seepage, exposure to extreme climatic conditions (refer SunSac Powerpack User Manual)
- For Warranty Claim, contact us at support@unisersolar.com , you will be directed to send the Powerpack to us or nearest authorized distributor (if available). The transportation cost to send the Powerpack shall be borne by the customer. In case of a genuine manufacturing defect, the transportation cost shall be borne by the manufacturer.
- POST WARRANTY : Any repairs/replacements will be serviced on a chargeable basis.

TYPICAL CONSUMER APPLIANCES SERVICE PROTOCOL WILL BE FOLLOWED



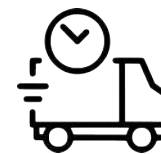
PRODUCT INSPECTION



COST ESTIMATION



CUSTOMER APPROVAL



FINAL DELIVERY

CONTACT DETAILS

Uniser Industries Pvt. Ltd.

HELPDESK DETAILS :

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