

# Mobile Power Supplies

## DC Power Supplies for Desktop Mobiles



Motorola Solutions provide three styles of Mobile Desktop Power Supply, the range caters for the wide requirements of usage and environments. Each model is fully tested with the Motorola Solutions Mobile Terminal and meets all relevant regulatory requirements. Each Model is available as an In Box Model Option or as an Aftermarket Accessory.

Benefits of PMPN4055 include:

- Wide Input Voltage Range
- 6 Amp Cont. usage
- Small compact design
- Includes slide on mounting bracket

Benefits of GPN6145 include:

- Wide Input Voltage Range
- 6 Amp Cont. usage 10 Amp (20mins)
- Battery Backup charger

Benefits of HPN4007 include:

- Wide Input Voltage Range
- 8 Amp Cont. usage 15Amp (20mins)
- Integrated DC Cable with Ignition Sense output

The following ACCESSORIES are compatible with this PRODUCT:

- DC Cable Part No. GKN6266A for GPN6145
- DC Cable Part No. PMKN4065A for PMPN4055

PRODUCT SPECIFICATIONS

| Technical Data                  | Power Supply Model Nos.  |  |   |
|---------------------------------|--|--|---|
|                                 | GPN6145B   | HPN4007D   | PMPN4055A   |
| Input Voltage Range (AC)        | 95 - 255Vac<br>47 -63Hz  | 90 -275Vac<br>47- 63Hz   | 85-135Vac 170-265Vac<br>47 -440Hz   |
| Output Voltage DC)              | 13.8   | 14.1   | 13.6  |
| Cont. Rated (A)                 | 6  | 8  | 6   |
| Duty Cycle (A) (Min)            | 10 (20mins)  | 15 (20mins)  | Not applicable  |
| Power Conversion Efficiency (%) | >90%   | > 85%  | >85%  |
| Operating Temperature (°C)      | -30 - +60  | 0 - +50  | -25 - +30   |
| Extended Operating Temp (°C)    | Not applicable   | Not applicable   | +30 - +70<br>(de-rate linearly to<br>0A)  |
| Storage Temperature (°C)        | -55 - +85  | -40 - +85  | -25 - +100  |
| Operating Humidity (%)          | 95   | 95   | 95  |
| Connections;-                   |  |  |   |
| Input                           | IEC-320 C14 socket<br>use with optional C13<br>cordset             | IEC-320 C14 socket<br>use with optional C13<br>cordset                                 | IEC-320 C14 socket<br>use with optional C13<br>cordset                                    |
| Output                          | 6 Pin Molex, connects<br>to Optional DC Cable<br>Part No. GKN6266A | Integral DC Cable<br>terminated for<br>Motorola Mobiles,<br>includes Ignition<br>Sense | 6.3mm push on blade<br>terminals , connects<br>to Optional DC Cable<br>Part No. PMKN4065A |
| Ground (Aux)                    | Stud with crimp eyelet   | None   | Stud with crimp eyelet  |
| Visual Indications              | wo LEDES Red and Gree  | None   | LED   |
| Battery Back up charger         | Yes  | None   | None  |
| Mounting Option                 | None, Free standing  | None, free standing  | Click n Fit Mounting<br>Bracket and integral<br>rubber feet                               |
| Safety protection               |  |  |   |
| Over Current                    | Yes  | Yes  | Yes   |
| Over Voltage                    | Yes  | Yes  | Yes   |
| Over heat                       | Yes  | Yes  | Yes   |
| Transients                      | Yes  | Yes  | Yes   |
| Catastrophic Failure            | Yes<br>Input and output<br>Fuses                                   | Yes<br>Input and output<br>Fuses   | Yes<br>Input and output<br>Fuses  |
| Mechanical;-                    |  |  |   |
| Dimensions (mm)                 | 210 x 170 x 70   | 265 x 125 x 75   | 165 x 87 x 59   |
| Weight (g)                      | 1400g  | 1490g  | 675   |

Specifications subject to change without notice. All specifications shown are typical. Before using this headset, please the review the appropriate safety regulations in the Two-Way Radio RF and Safety booklet. Use of non-Motorola-approved antennas, batteries, and accessories may exceed the FCC (IEEE) and ICNIRP RF exposure guidelines.



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