SPIN HUB SPECIFICATIONS

PHYSICAL DESIGN	• **Dimensions (L x W x H)**: 368 × 76 × 211 cm (145 × 30 × 83 in.) no vehicles, 8 slips with standard instructional sign 295 × 76 × 211 cm (116 × 30 × 83 in.) no vehicles, 6 slips 221 × 76 × 211 cm (87 × 30 × 83 in.) no vehicles, 4 slips • **Width w/Scooters (est.)**: 124 cm (49 in.) approx. width when vehicle is parked • **Height***: 78 cm (28.75 in.) top of base plate to bottom of corral 104 cm (41 in.) overall parking module Standard 211 cm (83 in.) overall battery box with instructional sign. Optional 285 cm (112 in.) overall battery box with instructional sign + logo sign on top365 cm (144 in.) overall solar mounting pole • **Slip Width**: 12 cm (4.72 in.) average • **Slip Depth:** 22.5 cm (8.87 in.) average • **Wheel Block Width:** 7.5cm (for Æ22.5 cm max. wheel) • **Weight*:** 58 kg (128 lbs.) battery box assembly w/ base plate41.5 kg (91.25 lbs) parking module assembly w/base plate • **Battery Weight*:** 23 kg (50.6 lbs.) ave. for 80 Ah AGM single battery • **Charge Connector** Ø8.00mm OD x Ø1.6mm Center Pin (barrel connector)
CELLULAR/NETWORKS	• **North American Variant I** LTE Cat 1 1900 (B2)/AWS 1700 (B4)/850 (B5)/700 (B12) MHz. HSPA/UMTS 850 (V)/1900 (II) MHz • **North American Variant II:** LTE Cat 1 AWS 1700 (B4)/700 (B13) MHz • **Americas, EU, APAC Variant:** HSPA/UMTS 850 (V)/1900 (II)/2100 (I) MHz. GSM/GPRS 850/900/1800/1900 MHz • **Americas Variant:** HSPA/UMTS 850 (V)/1900 (II) MHz. GSM/GPRS 900/1800 MHz • **Global Variant:** GSM/GPRS 50/900/1800/1900 MHz
DATA SUPPORT	• Swiftmile Telematics Cloud API/SDK
ELECTRICAL	• **Operating Voltage:** 24 VDC (system voltage). 0 - 60 VDC (charge head output) • **Power Consumption:** Typical < 170 mA (no vehicle charging, GPS and radio active). Typical < 7.0 A peak (2 vehicles charging). Typical < 20 A peak (8 vehicles charging) • **Line/Primary Power**: 90-240 VAC, 1.25 - 3 Amps, 50/60 Hz (wide range input) • **Solar:** 300 W (panel type and configuration dependent upon regional availability)
STORAGE BATTERIES	• **Battery Capacity***: 160 Ah (4 × 80Ah batteries) up to 200 Ah available regionally • **Battery Technology**: AGM (Deep Cycle) • **Charging Temperature:** -5° to +30°C (for best performance) • **Discharging Temperature:** -5° to +56°C (for charging vehicles)
ENVIRONMENTAL	• **Temperature:** -30° to +60°C (connected to primary power) -5° to +56°C (operating on storage battery) -20° to +25°C ≤ 4 months (long term storage) • **Humidity:** 95% RH @ 50°C non-condensing

*Parameter varies based on configuration